

“HARDY’S”

Tools and Appliances

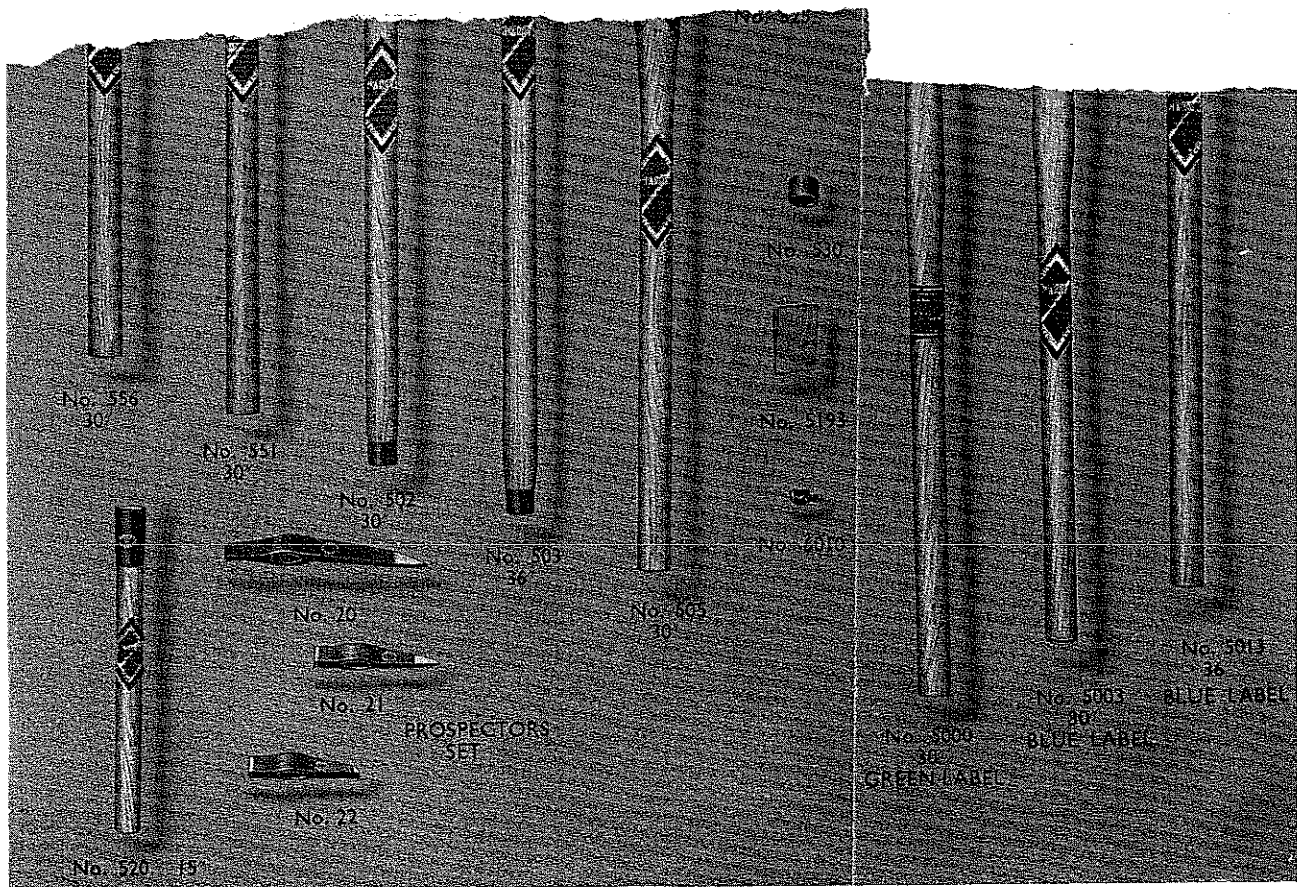
ABRIDGED Catalogue 1953

Section.....

HARDYPICK LIMITED
MINING TOOL AND MINING ENGINEERING WORKS
SHEFFIELD 8, England

Suppliers to the Admiralty, War Office, Air Ministry, National Coal Board,
Post Office, Gas and Electricity Boards, other Government Departments,
Public Bodies, the Crown Agents for the Colonies and many Governments in
all parts of the World.

Telephone No. 51045 (4 lines)
Telegrams and Cables: HARDYPICK SHEFFIELD.
Codes A B C 6th Edition.
Bentley's Complete Phrase
Bentley's Second Phrase
Private Codes



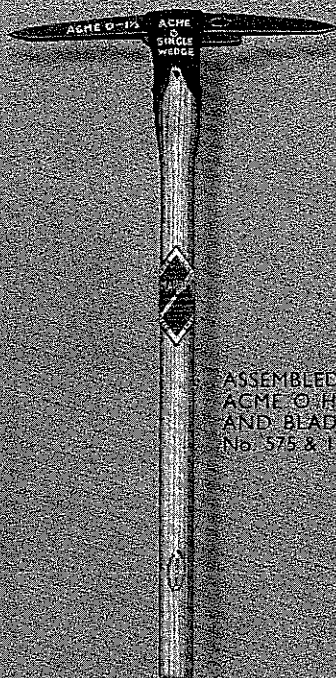
Hardypick Limited, Sheffield 8, England

	rn Socketed Handle.		brand Hickory.
550	"Holdfast" Steel Clip Pattern Socketed Handle. 30" or 32" long.	}	Selected All White "Green Label" Brand Hickory.
5000	30" or 32" Plain Naked Handle		
5003	30" or 32" Plain Naked Handle		
5013	36" Plain Naked Handle	}	Selected "Blue Label" Brand Hickory.
525	"Universal" Malleable Iron Socket.		
530	" " " Ferrule.		
552	"Holdfast" Steel Socket, Clip Pattern.		
5193	2"×2" Hard Wood Wedge for Fitting Handles to Sockets.		
6010	Small Steel Pick Fastener for use with worn eye Picks.		

"UNIVERSAL" NO. 00 EYE PROSPECTORS' SET

20	Hammer or Poll Pick with Diamond Point	20 ozs.
21	Hammer End and Diamond Point	15 ozs.
22	Hammer End and Chisel End	14 ozs.
520	Selected All White Hickory Handle, 15" long, fitted with a Metal Socket.	

"ACME" MINERS' PICKS AND HICKORY HANDLES AND FITTINGS



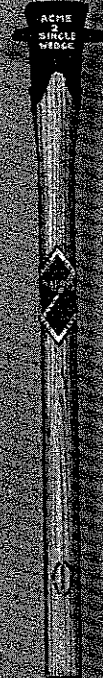
ASSEMBLED
ACME O HD SHAFT
AND BLADE
No. 575 & 150



No. 575
No. 0
HEADED



No. 576
No. 1
HEADED



No. 595
No. 2
HEADED

BLADES OR PICKS



No. 150 ACME O-1 1/2 2 2 1/2



No. 152 ACME 1-2 1/2 2 1/2



No. 153 ACME 1-2 2 1/2 3



No. 155 ACME 2-2 1/2 3 3 1/2



No. 156 ACME 2-2 1/2 3 3 1/2



No. 158 ACME O TADGE 2



No. 159 ACME 1 TADGE 2 1/2



SOCKET
No. 578 No. 0
No. 579 No. 1
No. 596 No. 2



KEY
No. 591



RIVET
No. 584



CLEETS
No. 586 Steel
No. 573 Wood

NAKEDS



No. 5015 GREEN LABEL BRAND HICKORY 30



No. 5018 BLUE LABEL BRAND HICKORY 30



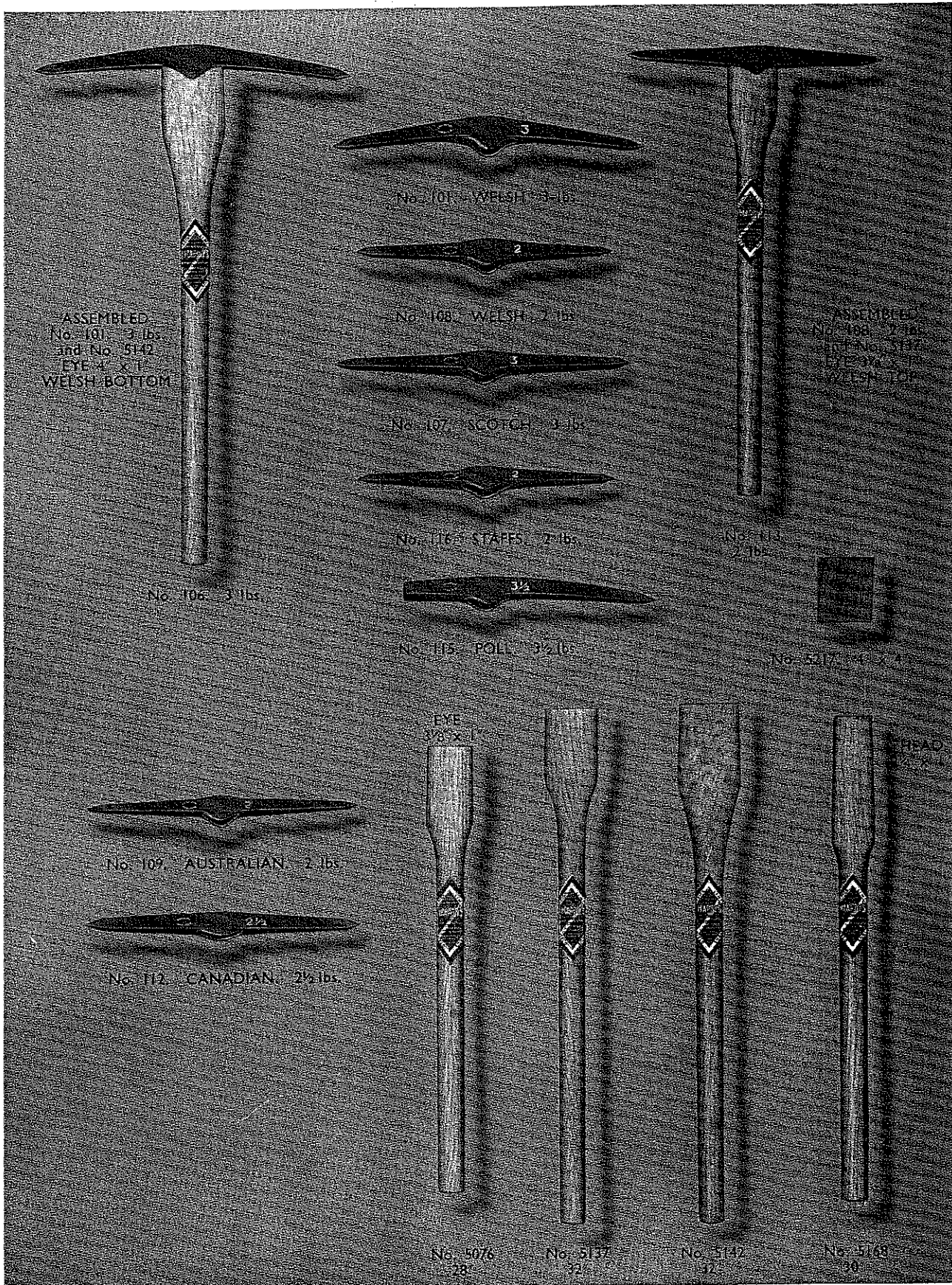
No. 5019 RED LABEL BRAND HICKORY 30

**"ACME" MINERS' PICKS
AND SELECTED HICKORY HANDLES AND FITTINGS**

Pattern
No.

150	"Acme"	0	Pick, Straight	Sizes $1\frac{1}{2}$, 2 and $2\frac{1}{2}$	
152	"	1	" Straight	" 2 and $2\frac{1}{2}$	
153	"	1	" Bent	" 2, $2\frac{1}{2}$ and 3	
155	"	2	" Straight	" $2\frac{1}{2}$, 3 and $3\frac{1}{2}$	
156	"	2	" Bent	" $2\frac{1}{2}$, 3 and $3\frac{1}{2}$	
158	"	0	Tadge or Chopper,	Size 2	
159	"	1	" " "	" $2\frac{1}{2}$	
575	"	0	Handle, Socketed	} Selected "Blue Label" Brand Hickory	
576	"	1	" " "		
595	"	2	" " "		
5015	"		Plain Naked Handle.	Selected "Green Label" Brand Hickory	
5018	"	"	" " "	" "Blue Label" " "	
5019	"	"	" " "	" "Red Label" " "	
578	"	0	Socket or Shod.	Single Wedge	
579	"	1	" " " "	" "	
596	"	2	" " " "	" "	
591	"		Key for all size Sockets		
584	"		Rivet for all size Sockets		
586	"		Clete Steel	} For re-fitting Handles to Sockets	
573	"	"	Wood		

OLD-FASHIONED FIXED HEAD PICKS AND HANDLES



Hardypick Limited, Sheffield 8, England

OLD-FASHIONED FIXED HEAD MINERS' PICKS

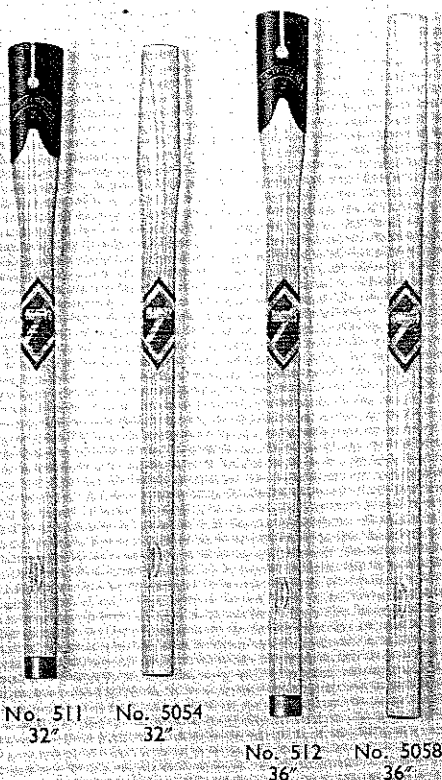
AND SELECTED "BLUE LABEL" BRAND PLAIN HICKORY HANDLES

Pattern
No.

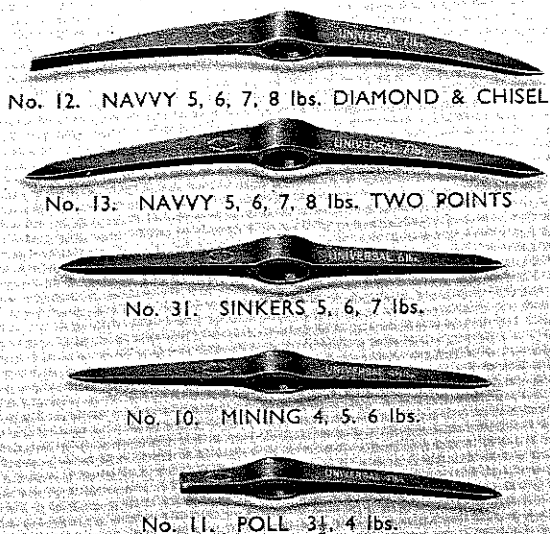
101	Heads only	} Welsh Miners' Bottom Mandril. Eye 4"×1"
106	Shafted	
108	Heads only	} Welsh Miners' Top or Cutting Mandril. Eye 3"×1"
113	Shafted	
107	Scotch Miners' Pick	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> $2, 2\frac{1}{2} \text{ lbs.}$ <hr/> Eye 3"×1" </div> <div style="text-align: center;"> $3, 3\frac{1}{2}, 4 \text{ lbs.}$ <hr/> Eye 4"×1" or $3\frac{1}{4}" \times 1"$ </div> </div>
Please Specify		
109	Australian Miners' Pick.	Eye $2\frac{5}{8}" \times \frac{3}{4}"$ 2, $2\frac{1}{2}$, 3, $3\frac{1}{2}$ and 4 lbs.
112	Canadian " "	" 3" × 1" 2, $2\frac{1}{2}$ and 3 lbs.
116	Staffordshire Miners' Pick	" 3" × 1" 2 and $2\frac{1}{2}$ lbs.
115	Pick with Poll or Hammer End.	" 3" × 1" $3\frac{1}{2}$ lbs.
5076	Scotch Miners' Pick Handle.	$28" \times 3\frac{1}{8}" \times 1"$
5245	" " " "	$30" \times 3\frac{1}{4}" \times 1\frac{1}{4}"$
5246	" " " "	$30" \times 3" \times 1\frac{1}{4}"$
5142	" " " "	$32" \times 4" \times 1"$
5137	Welsh Miners' Pick Handle. 32" long.	Eye $3\frac{1}{2}" \times 1"$ } For Top and Bottom
5142	" " " " " " " "	$4" \times 1"$ } Mandrils
5168	Miners' Noper or Dressing Pick Handle for use with Metal Langets.	
5217	$4" \times 4"$ Hardwood Wedge for use with above handles	

"UNIVERSAL" NO. 2 AND NO. 3 EYE PICKS AND HANDLES

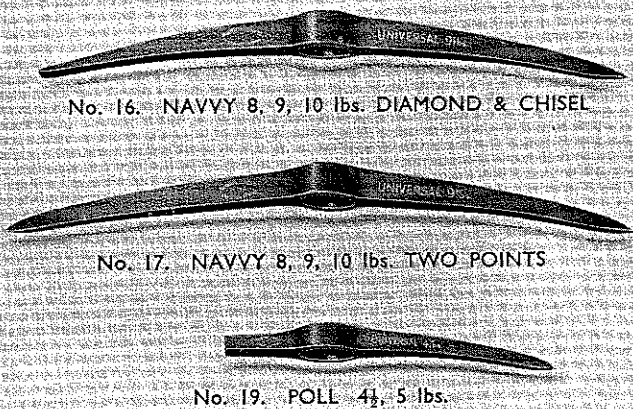
No. 2. EYE SHAFTS



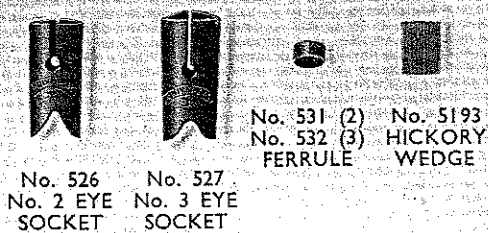
No. 2. EYE PICKS



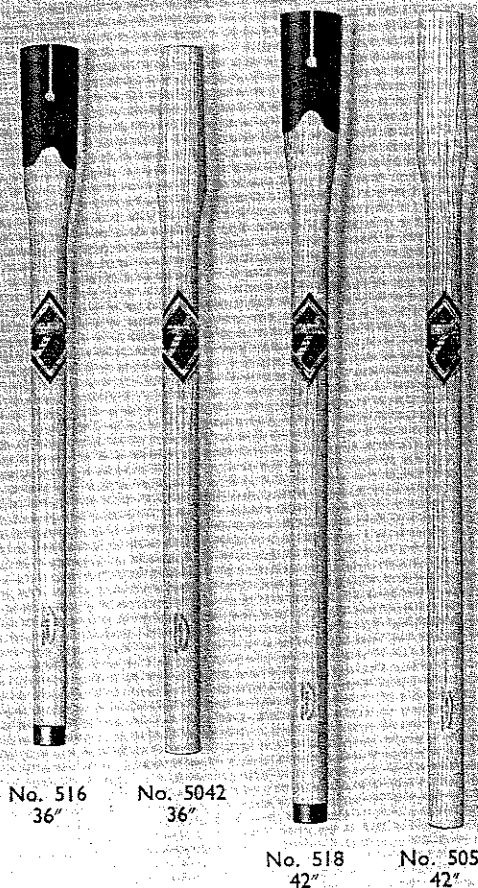
No. 3. EYE PICKS



No. 2 and 3. EYE SHAFT FITTINGS



No. 3. EYE SHAFTS



Hardypick Limited, Sheffield 8, England

"UNIVERSAL" NO. 2 AND NO. 3 EYE INTERCHANGEABLE PICKS AND SELECTED "BLUE LABEL" BRAND HICKORY HANDLES AND FITTINGS

"UNIVERSAL" NO. 2 EYE TOOLS AND HICKORY HANDLES (Picks, Size of Eye Top $2\frac{3}{4}" \times 1\frac{3}{8}"$)

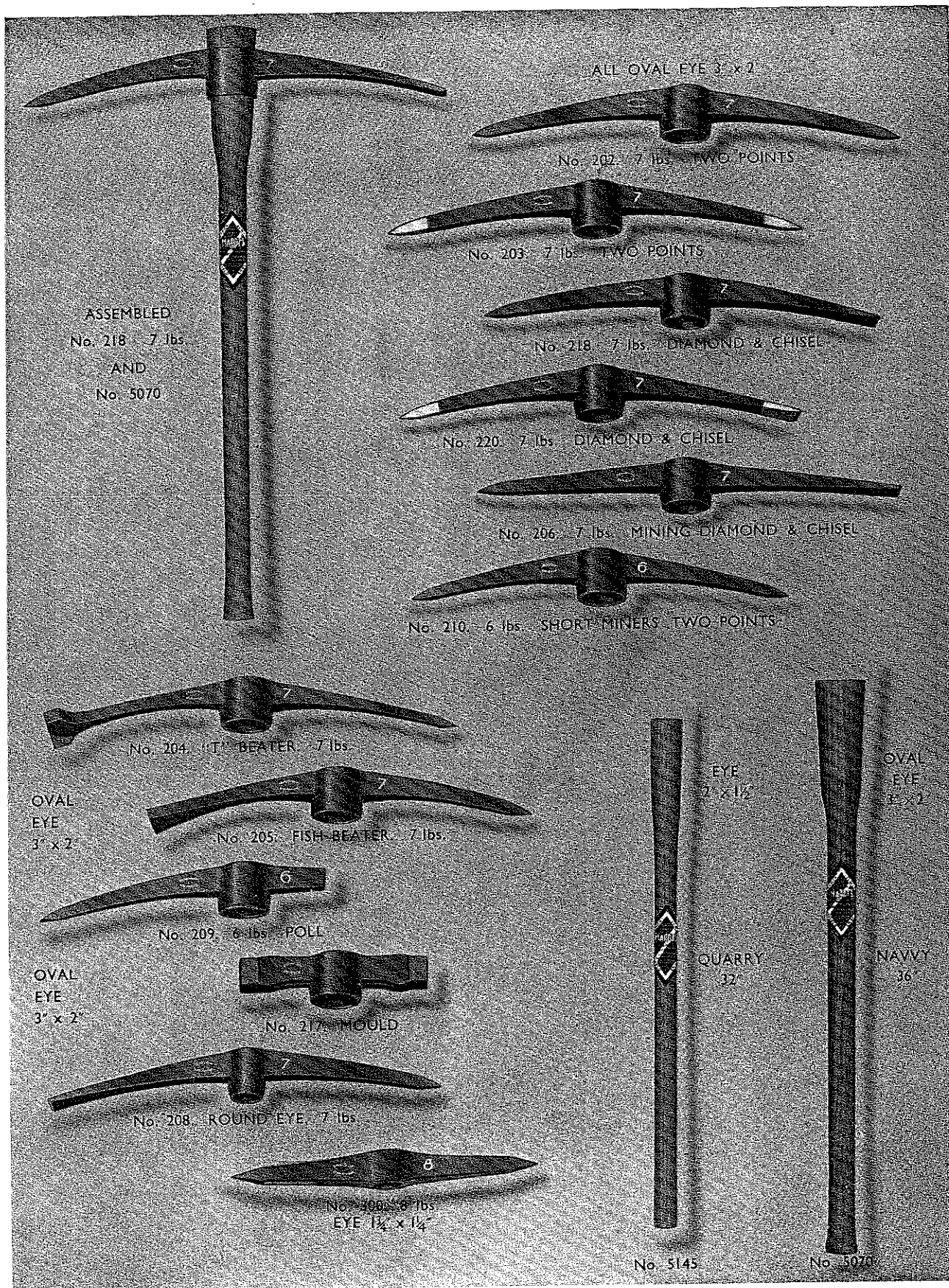
*Pattern
No.*

- | | | |
|------|---|----------------------|
| 10 | Mining Pick, 4, 5 and 6 lbs. | |
| 11 | Poll or Tomahawk, $3\frac{1}{2}$ and 4 lbs. | |
| 12 | Navvy Pick, diamond and chisel, $4\frac{1}{2}$, 5, 6, 7 and 8 lbs. | |
| 13 | Navvy Pick, two diamond points, 5, 6, 7 and 8 lbs. | |
| 31 | Pit Sinking Pick, two diamond points, 5, 6 and 7 lbs. | |
| 511 | Socketed Handle, 32" long, for above picks | |
| 512 | Socketed Handle, 36" long, for above picks | |
| 526 | Socket for repairs to Handles | |
| 531 | Ferrule for repairs to Handles | |
| 5054 | Handle, naked, 32" long | } for socket No. 526 |
| 5058 | Handle, naked, 36" long | |
| 5193 | Wedge, for repairs to Handles and Sockets | |

"UNIVERSAL" NO. 3 EYE TOOLS AND HICKORY HANDLES (Picks, Size of Eye Top $3" \times 1\frac{1}{2}"$)

- | | | |
|------|--|----------------------|
| 16 | Navvy Pick, diamond and chisel, 8, 9 and 10 lbs. | |
| 17 | Navvy Pick, two diamond points, 8, 9 and 10 lbs. | |
| 19 | Poll or Tomahawk, $4\frac{1}{2}$ and 5 lbs. | |
| 516 | Socketed Handle, 36" long, for above picks | |
| 518 | Socketed Handle, 42" long, for above picks | |
| 527 | Socket for repairs to Handles | |
| 532 | Ferrule for repairs to Handles | |
| 5042 | Handle, naked, 36" long | } for socket No. 527 |
| 5050 | Handle, naked, 42" long | |

SOLID EYE PICKS AND HICKORY HANDLES



Hardypick Limited, Sheffield 8, England

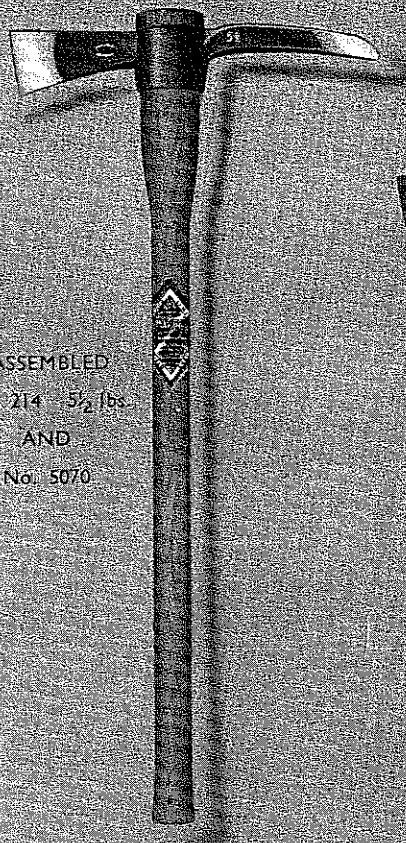
SOLID EYE NAVVY, BEATER, MINING AND QUARRY PICKS AND SELECTED "BLUE LABEL" BRAND PLAIN HICKORY HANDLES

Pattern

No.			
200	1" wide chisel	self colour Navy picks with diamond point and chisel end	4. 4½ lbs.
218	1½" " "		
219	2 " "		
201	1" " "	Ditto but with bright ends and Black Japanned	6. 6½ lbs.
220	1½" " "		7. 8 lbs.
221	2" " "		8½. 9 lbs.
202	Self Colour	Navy Picks with two diamond points	10. 11 lbs.
203	Bright ends and Black Japanned		12 lbs.
204	3½" × 1" 'T' Beater end	Railroad Beater Picks. 7 and 8 lbs.	
205	3" × 1" Fish Tail end		
206	Straight Pick, 7 lbs., for Mining or Sinking. Diamond and Chisel, 1" wide.		
208	Round Eye Navy Pick, 7 lbs. Diamond and Chisel, 1½" wide.		
209	Pick with poll or hammer end. 6 lbs.		
210	Special Pick for Mining. Two diamond points. 6 lbs.		
217	Pick mould with ends left for drawing out.		
5070	"Blue Label" Brand Hickory Handle, 36" long for use with above picks except No. 208 (Round Eye)		
300	Quarry or Stone Pick. (Slip Eye 1¾" × 1¼" Top) 4, 6 and 8 lbs.		
5145	"Blue Label" Brand Hickory Slip Eye Handle, 32" long for Quarry Pick No. 300.		

"UNIVERSAL" NO. 1 EYE AND 3" X 2" SOLID EYE MATTOCKS AND HICKORY HANDLES

ASSEMBLED
No. 214 5½ lbs.
AND
No. 5070



ALL OVAL EYE 3" X 2"



No. 207 7 lbs.



No. 211 5½ lbs.



No. 212 5½ lbs.



No. 214 5½ lbs.



No. 216 6 lbs.

"UNIVERSAL" NO. 1 EYE MATTOCKS



No. 30 2½ lbs.



No. 2900 3½ lbs.
SCREEFING



No. 2901 5 lbs.
PLANTING

"UNIVERSAL"
No. 1
eye
shaft



No. 502 30"

No. 503 36"

OVAL
EYE
3" X 2"



No. 5070
36"

Hardypick Limited, Sheffield 8, England

**SOLID EYE AND "UNIVERSAL" EYE MATTOCKS AND SELECTED
"BLUE LABEL" BRAND HICKORY HANDLES**
for all classes of work

SOLID EYE 3"×2" MATTOCKS AND HANDLES

Pattern No.		Finish	Weights Made
207	Clay Mattock, cross, with reverse chisel ends 2" wide	Self Colour	6, 7 lbs.
211	Grubbing Mattock with diamond and chisel ends 4" wide	Bright ends and Black Japanned	4, 4½, 5, 5½, 6, 6½, 7 lbs.
222	Grubbing Mattock with diamond and chisel ends 4" wide	Self Colour	
212	Grubbing Mattock with side cutter 2½" wide, Mattock end 4" wide	Bright ends and Black Japanned	
214	Grubbing Mattock with long cutter end 2½" wide, Mattock end 4" wide		
224	Grubbing Mattock with long cutter end 2½" wide, Mattock end 4" wide	Self Colour	
216	Road side pattern Mattock, 5" chisel	Self Colour	6 lbs.
5070	Handle 36", Selected "Blue Label" Brand Hickory, for use with all Mattocks described above		

"UNIVERSAL" NO. 1 EYE MATTOCKS AND SOCKETED HANDLES
(Mattocks, Size of Eye Top 2 $\frac{7}{16}$ "×1½")

30	Cross Mattock with reverse chisel ends 2½" wide	Self Colour	2½ lbs.
29	Ditto, chisel ends in line with handle	Self Colour	2½ lbs.
2900	Screefing Mattock, Mattock end 4" wide, as used in Forestry work	Self Colour	3½ lbs.
2901	Planting ditto	Self Colour	5 lbs.
502	Socketed Handle 30" long for No. 29, 30, 2900, and 2901 Mattocks	Selected "Blue Label" Brand Hickory	
503	Ditto 36" long ditto		

SLEDGE HAMMERS FOR ALL TRADES, QUARRY, RAILWAY KEYING AND SPIKING HAMMERS. HICKORY HANDLES AND HAZEL STICKS



No. 350. 7 lbs.
BRIGHT FACES



No. 355. 7 lbs.
BALLPEIN SLEDGE



No. 375. 14 lbs.
SPALLING, BRIGHT FACES



No. 376. 14 lbs.
BLOCK



No. 681. 7 lbs.
BLACK FACES



No. 380. 7 lbs.
SCOTCH MASH



No. 6300. 14 lbs.
SPALLING, BLACK FACES



No. 6312. 12 lbs.
QUARRY WITH CHISEL END



No. 352. 7 lbs.
ACME EYE, BRIGHT FACES



No. 357. 6 lbs.
TAPER DRILLING



No. 6315. 12 lbs.
SPALLING, WITH CHISEL END



No. 6331. 12 lbs.



No. 6307. 7 lbs.
ACME EYE, BLACK FACES



No. 359. 6 lbs.
COMBO FLAT FACES



No. 6311. 16 lbs.
GRANITE



No. 383. 12 lbs.
GRANITE AXE



No. 677. 7 lbs.
BLACK FACES



No. 359A. 6 lbs.
COMBO RAISED FACES



No. 373. 14 lbs.
GRANITE



No. 6314. 12 lbs.
MASON'S AXE



No. 6220. 7 lbs.
ACME EYE, BLACK FACES



No. 360. 7 lbs.
SIDEPEIN KEYING



No. 374. 14 lbs.
QUARRY DRIVING



No. 382. 12 lbs.
MASON'S WITH SHARP END



No. 353. 7 lbs.
STRAIGHT PEIN



No. 361. 7 lbs.
CENTREPEIN KEYING



No. 379. 14 lbs.
DRIVING WITH CHISEL END



No. 484. 7 lbs.
GRANITE REEL



No. 354. 7 lbs.
GROSS PEIN



No. 362. 7 lbs.
SPIKING



No. 487. 14 lbs.
QUARRY



No. 5011. 30" BLUE LABEL BRAND HICKORY
MAUL OR SLEDGE SHAFT
EYE $1\frac{1}{4}$ " x $1\frac{1}{4}$ "



No. 5218. HAZEL STICK OR SHAFT 30"
EYE $1\frac{1}{2}$ " LEFT FOR DRESSING



No. 5017. 36" BLUE LABEL BRAND HICKORY
MAUL OR SLEDGE SHAFT
EYE $1\frac{1}{4}$ " x $1\frac{1}{4}$ "



No. 5212. 30" QUARRY HAMMER SHAFT
BLUE LABEL BRAND HICKORY SHAFT, EYE $1\frac{1}{4}$ " x $1\frac{1}{4}$ "

Hardypick Limited, Sheffield 8, England

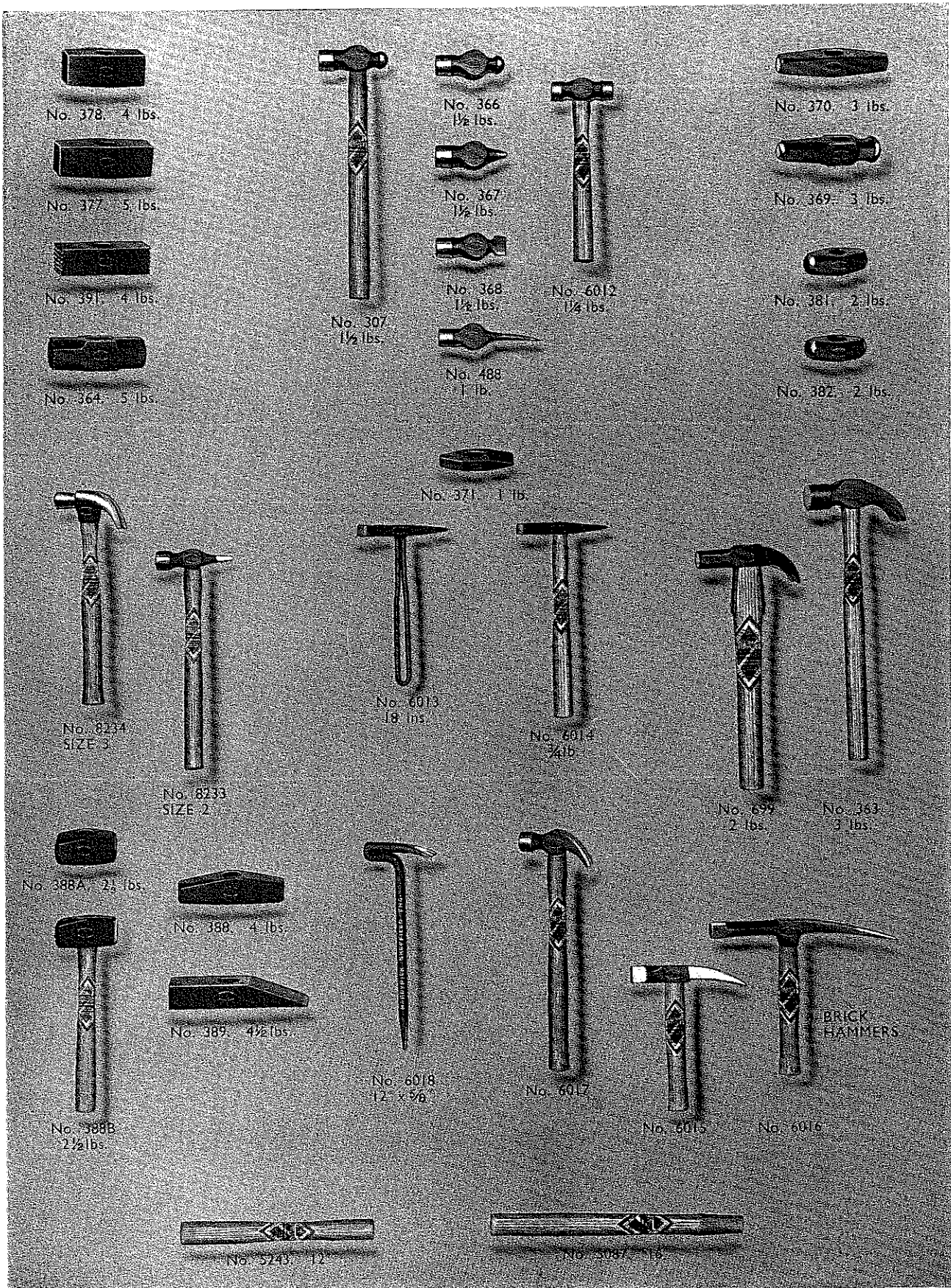
SLEDGE HAMMERS FOR ALL CLASSES OF WORK, QUARRY, RAILWAY KEYING AND SPIKING HAMMERS. HICKORY HANDLES AND HAZEL STICKS

Pattern

No.	Finish	
350	Bright Faces	} Hammer, Sledge, Double Faced. 2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 20 and 28 lbs.
681	Black "	
352	Bright "	} Hammer, Sledge, Double Faced, with Acme Handle Eye. 4, 5, 6 and 7 lbs.
6307	Black "	
677	Black "	} Hammer, Sledge, Double Faced. 6, 7 and 8 lbs.
6220	" "	
353	Bright "	Hammer, Sledge, Single Face or Straight Pane. (Blacksmiths') 2, 7, 10 and 14 lbs.
354	" "	Hammer, Sledge, Cross Pane 7 lbs.
355	" "	" " Ball " 6 lbs.
357	Bright "	} Hammer Taper Drilling. 2½, 3, 4, 5, 6, 7, 8, 10, 12 and 15 lbs.
6301	Black "	
359	Bright "	} Combo Pattern Hammer. 6, 7, 8, 10, 12 and 14 lbs.
359A	" "	
360	" "	} Keying Hammer. 7 and 10 lbs.
361	" "	
362	" "	Spiking Hammer 7 lbs.
373	" "	Granite " 14 lbs.
383	" Ends	Axe for Granite 12 lbs.
484	" "	Reel " " 7 lbs.
6311	" Faces	Hammer for Granite 12 lbs.
374	" "	} Hammer, Quarry Driving. 14, 16, 20, 24 and 28 lbs.
379	" "	
375	Bright "	} Hammer, Spalling. 4, 7, 10, 12, 14, 16, 20, 24 and 28 lbs.
6300	Black "	
6315	Bright "	" " with Chisel End. 12 lbs.
376	" "	" Quarry Block. 14 lbs.
6312	" "	" " with Chisel End. 12 lbs.
6313	" "	" Masons', with Sharp End. 12 lbs.
6314	" Ends	Axe, " " " Ends. 12 lbs.
380	" Faces	Hammer or Scotch Mash. 6, 7 and 8 lbs.
487	" "	" Quarry Pattern. 12, 14, 16 and 20 lbs.
6331	" "	" " " (Old No. 105). 12 lbs.
5011	Handle, 30" for Maul or Sledge.	} Selected "Blue Label" Brand Hickory.
5017	" 36" " " " " Eye 1¾"×1¼"	
5219	" 30" " Quarry Hammers. Slip Eye	
	1¾"×1¼" at the top	
5218	" or Hazel Stick 30" long. Round Eye approx. 1½" for Stone Hammers.	

Hardy's

ENGINEERS, RIVETING, QUARRY, MASONS, BRICKLAYERS, CARPENTERS,
STONEBREAKING, WELDING, SCALING, OR CHIPPING AND HEAVY TYPE
MINERS' ROAD OR CLAW HAMMERS



Hardypick Limited, Sheffield 8, England

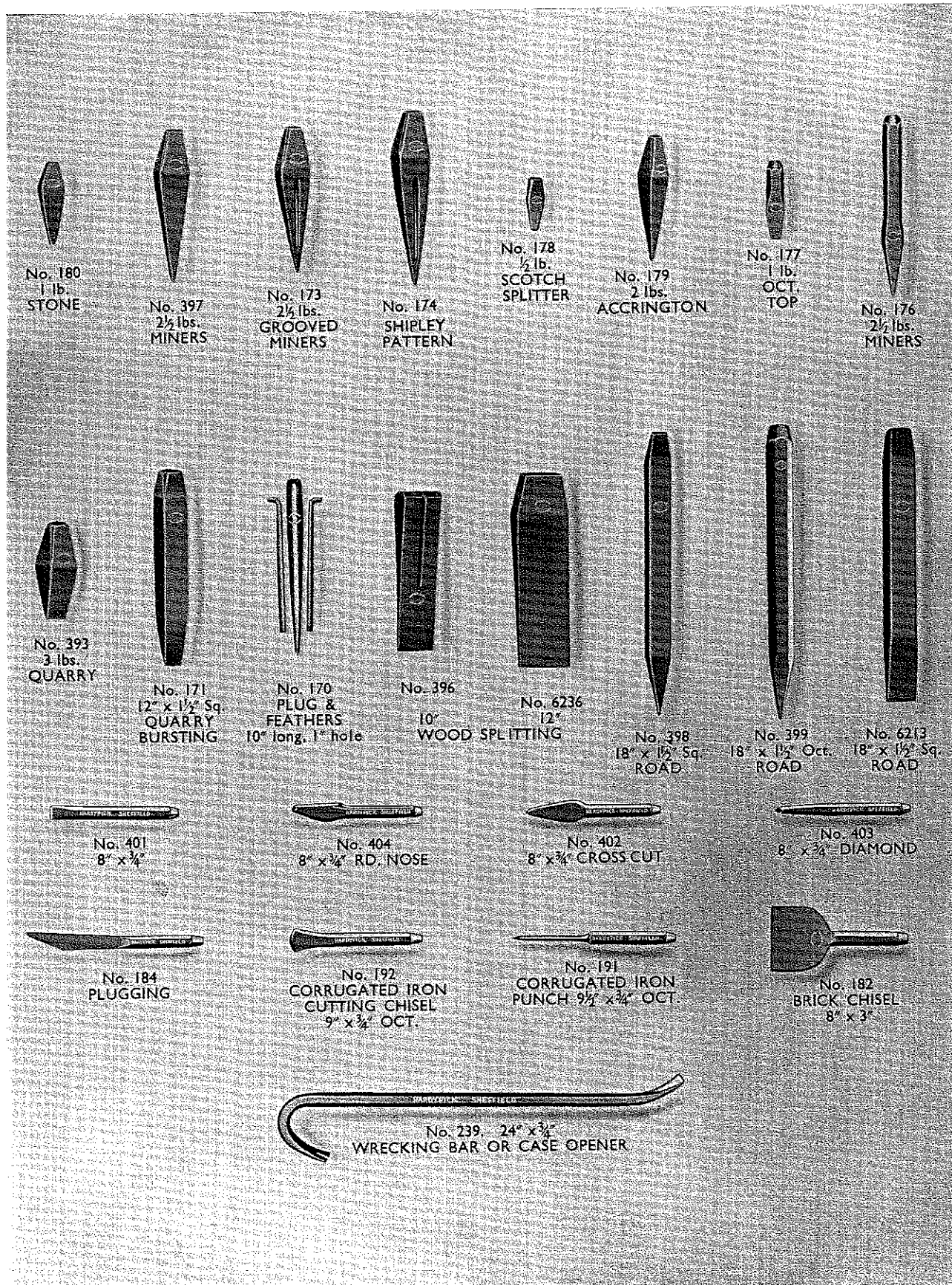
ENGINEERS, RIVETING, QUARRY, MASONS, BRICKLAYERS, CARPENTERS, STONE BREAKING, WELDING, SCALING OR CHIPPING AND HEAVY TYPE MINERS ROAD OR CLAW HAMMERS

Pattern
No.

363	Miners' Claw or Road Hammer, Shafted.	2½ and 3 lbs.
699	" " " " " " " " with Langets.	2 lbs.
6017	Scotch Farmers' Claw Hammer, Shafted.	Size No. 2. 16 oz. Head
8234	Adze Eye Claw Hammer, Shafted.	Size No. 1 2 3 4
		Weight of Head. 12 16 20 24 ozs.
364	Sledge Hammer Head, with One Serrated Face.	5 lbs.
365	" " " " Two " Faces.	5 lbs.
377	Granite Dressing Hammer Head, with Hollow Faces.	5 lbs.
378	" " " " " Square " "	4 lbs.
391	Crown Hammer Head, with Two Serrated Faces.	4 lbs.
307	Engineers' Hammer, Ball Pane, Shafted	} ¼, ½, ¾, 1, 1¼, 1½, 1¾, 2, 2½ and 3 lbs.
366	" " " " Heads only	
367	" " Cross " " "	
368	" " Straight Pane. Heads only.	
6012	" " Double Faced, Shafted.	1½ lbs.
369	Riveting " Heads only.	3 lbs. Ball Pane.
370	" " Heads only.	3 lbs. Double Faced.
371	Scaling or Chipping Hammer Head.	} 1, 1¼ and 1½ lbs.
6014	" " " " fitted with Wood Handle	
6013	" " " " " " Steel " "	18" long. ¾ lb.
381	Stone Breaking or Napping Hammer, Round Eye	} 1, 1¼, 1½, 2, 2½ and 3 lbs.
382	" " " " " Oval " "	
388	Masons' Punch Hammer Head,	4 lbs.
388A	" Club Hammer Head.	2, 2½ and 4 lbs.
388B	" " " Shafted.	2½ and 4 lbs.
389	" Walling Hammer.	4½ lbs.
488	Packers' Hammer, Spike End.	1 lb.
6015	Brick Hammer, Short Pattern, Shafted.	
6016	" " Long " "	
6018	Case Opener, 12" x 5/8". Chisel, Claw and Hammer Combined	
8233	Warrington or Carpenters' Hammer, Shafted.	Size No. 2 3 4
		Weight of Head. 12 14 16 ozs.
5081	12" }	"Blue Label" Brand Hickory Handles for small Hand Hammer Heads.
5084	14" }	
5087	16" }	
5243	12" " " " " " " Club Hammer Head No. 388A	

FOR LONGER HANDLES, PLEASE REFER TO PAGE NO. 16

WEDGES FOR ALL TRADES, CHISELS, WRECKING BARS AND CASE OPENERS



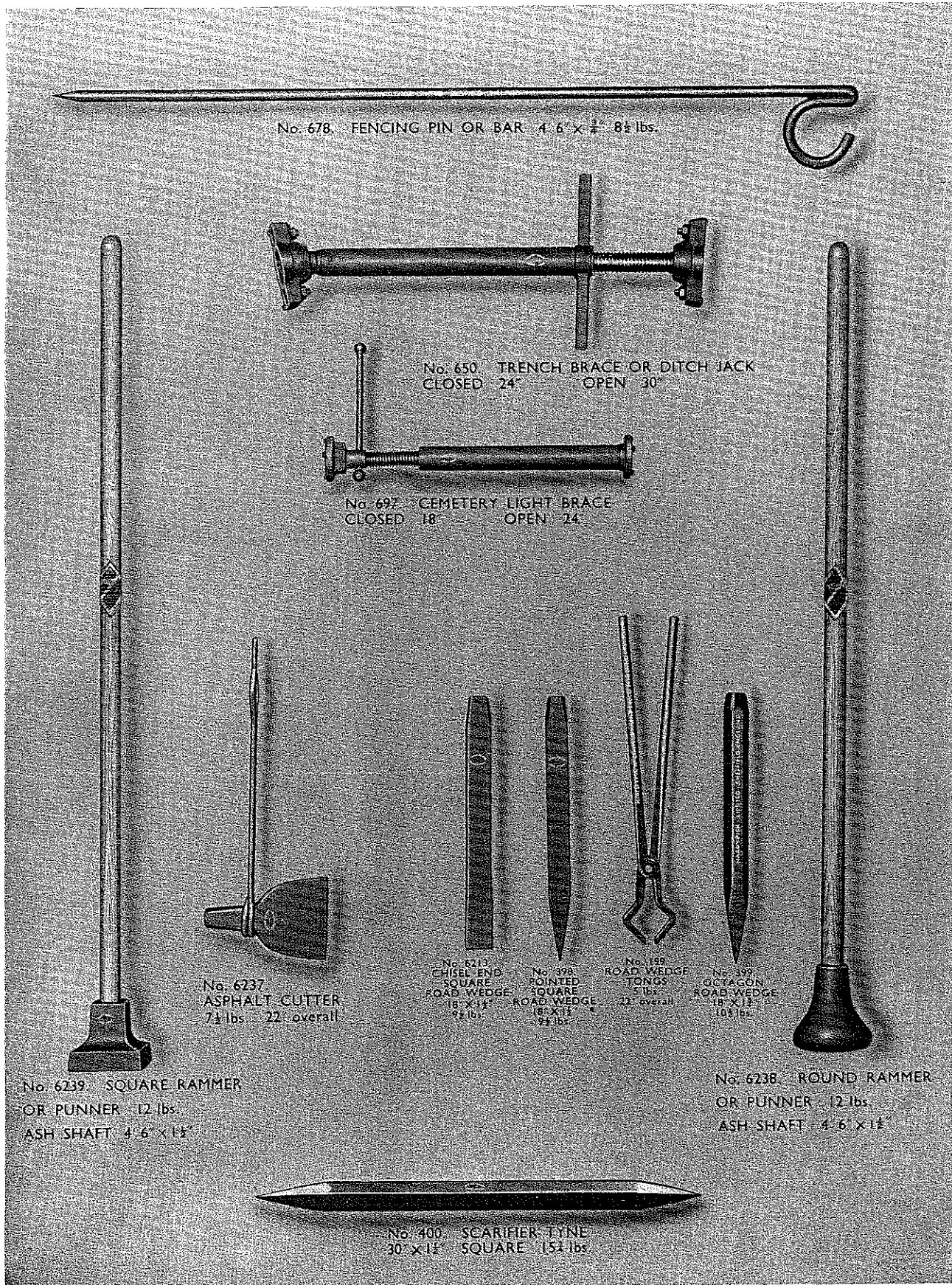
Hardypick Limited, Sheffield 8, England

**STEEL WEDGES FOR MINES, QUARRIES, CONTRACTORS, PUBLIC
BODIES, TIMBERMEN, BUILDERS, ENGINEERS' CHISELS,
WRECKING BARS OR CASE OPENERS**

*Pattern
No.*

- 170 Plugs and Feathers; Please state Diameter and Depth of Hole.
(also made for use with Air Driven Machines).
- 171 Wedge, Quarry or Stone Bursting. $12" \times 1\frac{1}{2}"$ Square
- 173 „ Miners', Grooved. $2\frac{1}{2}$ lbs.
- 174 „ „ „ Shipley Pattern. $2\frac{1}{2}$ lbs.
- 176 „ „ Coal, Octagon. 1, $1\frac{1}{2}$, 2, $2\frac{1}{2}$, 3, $3\frac{1}{2}$ and 4 lbs.
- 177 „ „ „ Top „ 1 lb.
- 178 „ „ Scotch Splitter, $\frac{1}{2}$ lb.
- 179 „ „ Accrington Pattern. 2 lbs.
- 180 „ „ Stone. 1 lb.
- 397 „ „ Flat Coal. 1, $1\frac{1}{2}$, 2, $2\frac{1}{2}$, 3, $3\frac{1}{2}$ and 4 lbs.
- 182 Chisel, Builders' Brick. $8" \times 3"$.
- 184 „ Plugging. $10" \times \frac{5}{8}"$.
- 191 Punch, Corrugated Iron, $9\frac{1}{2}" \times \frac{3}{4}"$ Octagon
- 192 Chisel, „ „ $9" \times \frac{3}{4}"$ „
- 239 Wrecking Bar or Case Opener. $18" \times \frac{5}{8}"$. $24" \times \frac{5}{8}"$. $24" \times \frac{3}{4}"$. $30" \times \frac{3}{4}"$ Octagon
- 393 Wedge, Quarry or Stone. 2, 3, 4 and 6 lbs.
- 396 „ Wood Splitting, Grooved Pattern. 6", 8", 10" and 12"
- 6236 „ „ „ Plair, 12" long
- 398 „ Road Breaking, Square Pointed End
- 399 „ „ „ Octagon „ „
- 6213 „ „ „ Square Chisel „
- } Please state Length and Size required.
- 401 Chisel, Engineers, Cold Flat. $6" \times \frac{1}{2}"$. $7" \times \frac{5}{8}"$. $8" \times \frac{3}{4}"$. $9" \times \frac{7}{8}"$. $10" \times 1"$ other sizes made
- 402 „ „ „ Cross Cut. 7" and 8"
- 403 „ „ „ Diamond Point. 7" and 8"
- 404 „ „ „ Round Nose. 7" and 8"

HIGHWAY FENCING, BREAKING UP AND REPAIRING TOOLS. EXCAVATION
AND GRAVE SIDE ALL STEEL SUPPORTS, BRACES, STRUTS OR DITCH JACKS



Hardypick Limited, Sheffield 8, England

HIGHWAY TOOLS

Patt. No.	
199	Tongs for Road Wedges
398	Wedge, Road, Pointed, 18"×1½" Square
399	" " " 18"×1¾" Octagon
6213	" " Chisel End. 18"×1½" Square
400	Scarifier Tyne. 30"×1½" Square
678	Pin or Bar for Fencing Off. 4' 6"×¾" dia.
6237	Cutter for Asphalt, Rodded
6238	Rammer or Punner, Round Type, Shafted Ash. 4' 6"×1½" dia.
6234	" " " " " Head Only. 8, 10, 12 and 14 lbs.
6239	" " " Square " Shafted Ash. 4' 6"×1½" dia.
6235	" " " " " Head Only. 8, 10, 12 and 14 lbs.
5312	4' 6"×1½" dia. extra, Plain Ash Handle for Rammers.
650	Brace or Ditch Jack, complete, Sizes Made:

} Other Sizes Supplied

Sizes	Closed Length Overall	Extended Length Overall	Weight Each Approx.
0	15"	20"	19 lbs.
1	18"	24"	21 "
2	24"	30"	22 "
3	30"	36"	23 "
4	36"	42"	24 "
5	42"	48"	25½ "
6	48"	54"	28 "

BRACES SUPPLIED WITHOUT TUBES IF NECESSARY
(1½" inside Diameter Steam Steel Tubing is used and is easy to fit)

697 Brace for Cemetery use, Light Type, Various Lengths made. Please detail width between timbers.

SPECIAL QUALITY STEEL: BARS, DRILL, PINCH OR RINGER, CROW AND CLAW, ALAVANGOES. (Other sizes are made)



No. 436. JUMPER DRILL 3' 6" x 1" OCT. 10½ lbs.



No. 437. ROUND BAR 4' 6" x 1½" CHISEL AND POINT 14½ lbs.



No. 333. OCT. BAR 4' 6" x 1½" CHISEL AND POINT 15 lbs.



No. 438. ROUND BAR 4' 6" x 1½" CHISEL AND BLUNT 15 lbs.



No. 334. OCT. 4' 6" x 1½" CHISEL AND BLUNT 15½ lbs.



No. 6207. ROUND 4' 6" x 1½" HEELED CHISEL AND POINT 14½ lbs.



No. 6208. OCT. 4' 6" x 1½" HEELED CHISEL AND POINT 15 lbs.



No. 6211. ROUND 4' 6" x 1½" CLAW AND POINT 14½ lbs.



No. 6212. ROUND 4' 6" x 1½" CLAW AND BLUNT 15 lbs.



No. 6209. OCT. 4' 6" x 1½" HEELED CHISEL AND BLUNT 15 lbs.



No. 440. MINERS RINGER OR PINCH BAR 4' 6" x 1½" ON THE SQUARE 14 lbs.



No. 439. PINCH BAR, HEELED 4' 6" x 1½" ON THE SQUARE 14 lbs.



No. 442. CLAW BAR 4' 6" x 1½" ON THE SQUARE 16 lbs.



No. 441. ALAVANGO OR PLANTING BAR, BLADE 4' x 7½" x 4 x 1½" dia. 12 lbs.

Hardypick Limited, Sheffield 8, England

CROWBARS, CLAWBARS, LEVERS, PINCH BARS, SLEWING BARS, ALAVANGOES, DRILLS AND MINERS' RINGERS

The bars shown are those in general use. Other Lengths and sizes made to meet Customers' special requirements.

The "CEYLON" Pattern Alavango is shown on Page No. 63.

Packing:

HOME

BARE Bundles. 3 or 6 according to weight.

EXPORT

As required in either Bundles or Cases.

Pattern
No.

440 Miners' Ringers. Range of Sizes in use:

4' × 1"

9 lbs.

4' × 1 $\frac{1}{8}$ "

11 lbs.

4' 6" × 1 $\frac{1}{8}$ "

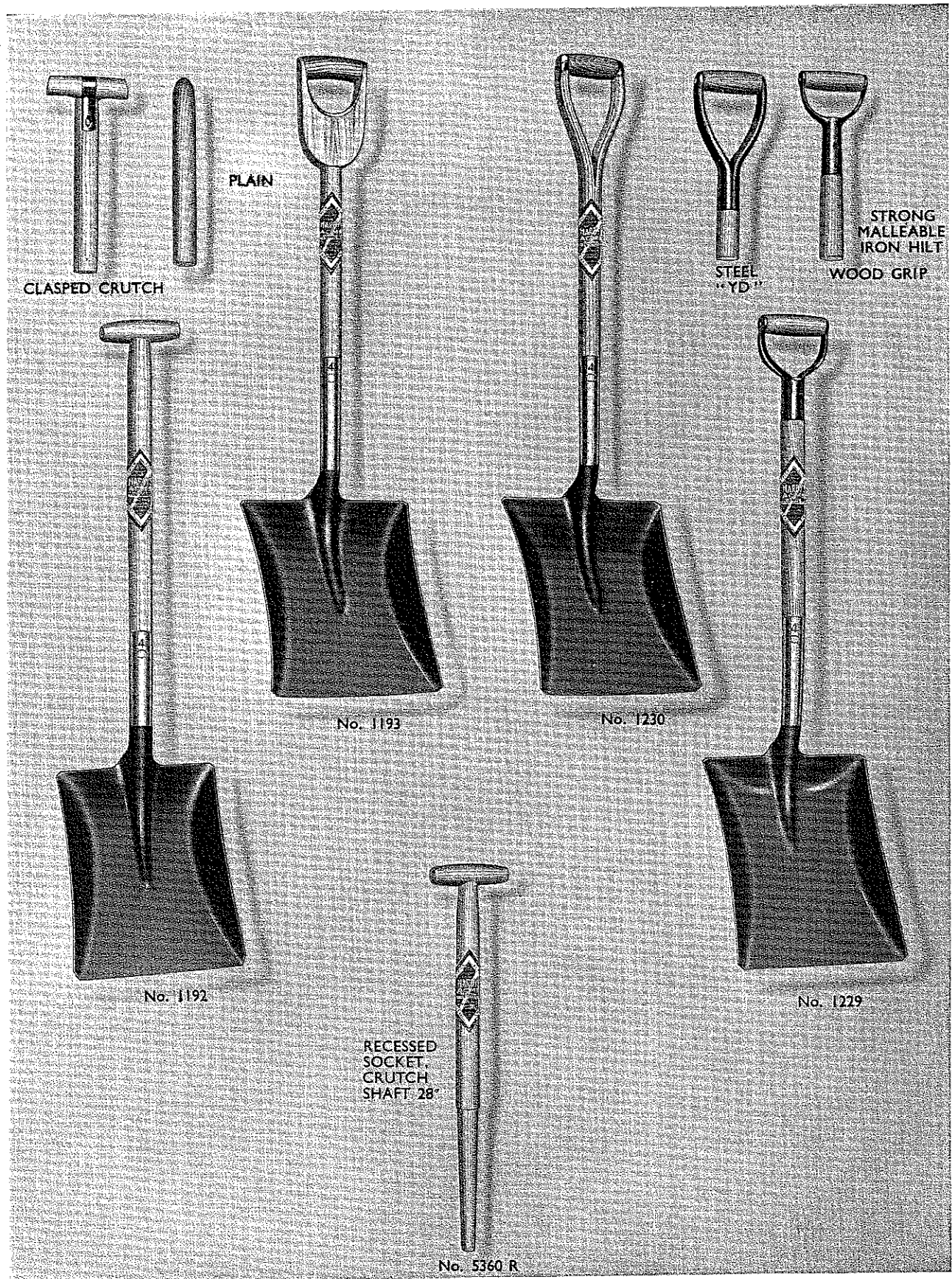
12 $\frac{1}{2}$ lbs.

4' 6" × 1 $\frac{1}{4}$ "

14 lbs.

Size shown is on the Square Portion.

"ACME" BRAND ROLLED STEEL, SQUARE MOUTH, OPEN SOCKET SHOVELS
IN 14 GAUGE BLADES. Fitted with selected Ash Handles



Hardypick Limited, Sheffield 8, England

**"ACME" BRAND, GENERAL PURPOSE SHOVELS
IN 14 GAUGE BLADES**

Fitted with selected Ash Handles

*Pattern
No. Class and Length of Handle*

1192	With 'T' Handle 28" long
1193	„ Wood 'D' Handle 28" long
1230	„ Wood 'YD' Handle 28" long
1229	„ Handle 28" long, Stamped Steel Hilt, Wood Grip
1296	„ Clasped 'T' Handle 28" long
1206	„ Plain Handle 50" long
1295	„ Steel 'YD' Handle 28" long
1294	„ Handle 28" long, Strong Malleable Iron Hilt, Wood Grip

Sizes for ALL above Shovels are as listed hereunder:

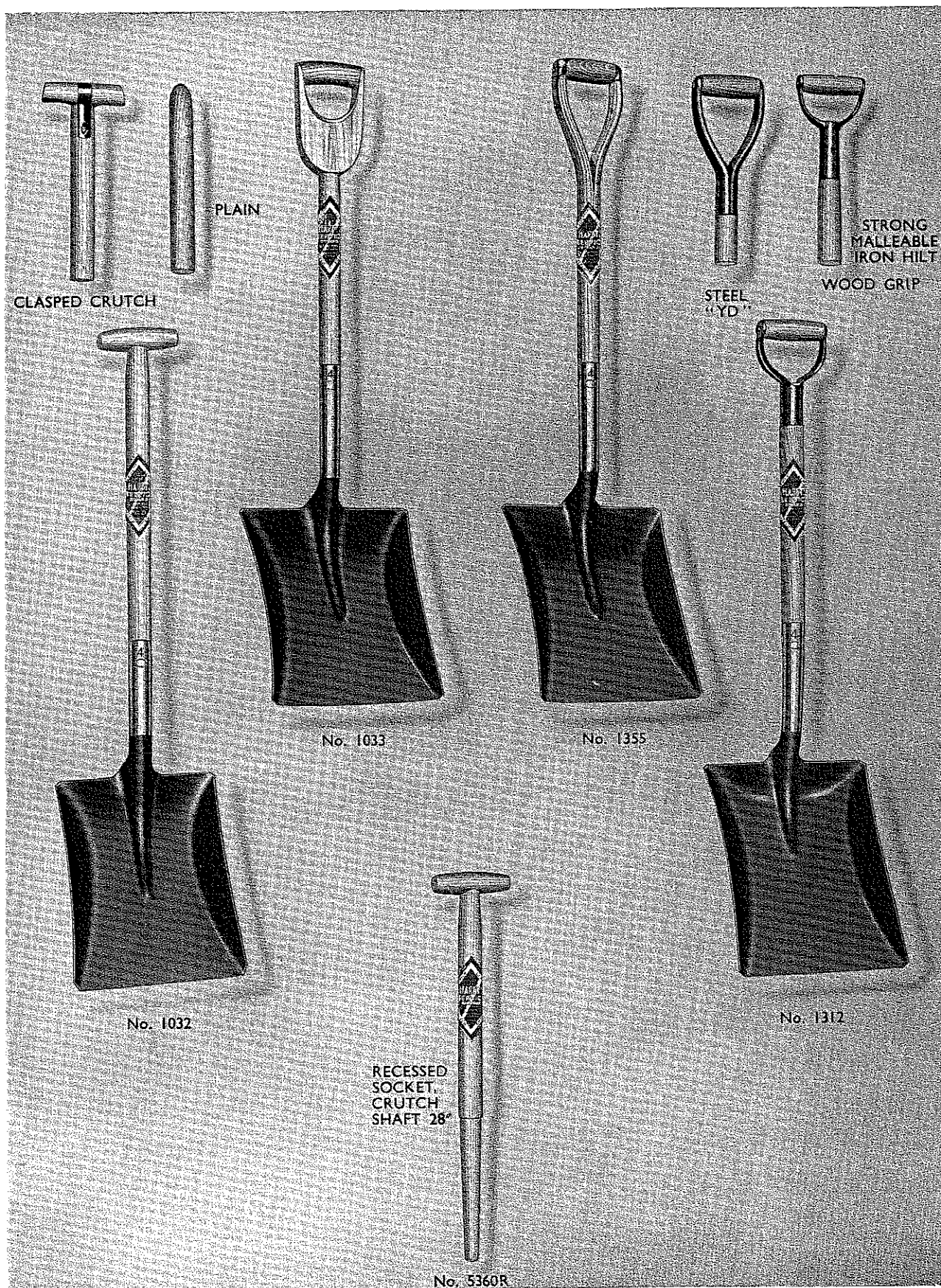
Size No. 1	Size No. 2	Size No. 3	Size No. 4	Size No. 5	Size No. 6	Size No. 7	Size No. 8	Size No. 10
$9\frac{1}{2}" \times 12"$ Blade	$10" \times 12\frac{1}{2}"$ Blade	$10\frac{1}{2}" \times 13"$ Blade	$11" \times 13\frac{1}{2}"$ Blade	$11\frac{1}{2}" \times 14"$ Blade	$12" \times 14\frac{1}{2}"$ Blade	$12\frac{1}{2}" \times 15"$ Blade	$13" \times 15\frac{1}{2}"$ Blade	$14" \times 16\frac{1}{2}"$ Blade

5360R 28" Crutch Handle showing Recessed Square Top Socket

For spare Handles please refer to Pages Nos. 69 and 71

The above shovels are scientifically hardened and tempered to give a high degree of hardness and resistance to abrasive action.

"SERVICE" BRAND, ROLLED STEEL, SQUARE MOUTH, OPEN SOCKET SHOVELS
IN 15 GAUGE BLADES. Fitted with selected Ash Handles



Hardypick Limited, Sheffield 8, England

"SERVICE" BRAND, GENERAL PURPOSE SHOVELS IN 15 GAUGE BLADES

Fitted with selected Ash Handles

*Pattern
No. Class and Length of Handle*

1032	Fitted with a 'T' Handle 28" long	
1033	„ „	Wood 'D' Handle 28" long
1355	„ „	Wood 'YD' Handle 28" long
1312	„ „	Stamped Steel Hilt, Wood Grip, 28" long
1297	„ „	Clasped 'T' Handle 28" long
1150	„ „	Plain Handle 50" long
1299	„ „	Steel 'YD' Handle 28" long
1298	„ „	Strong Malleable Iron Hilt, Wood Grip, 28" long

Sizes for ALL above Shovels are as listed hereunder:

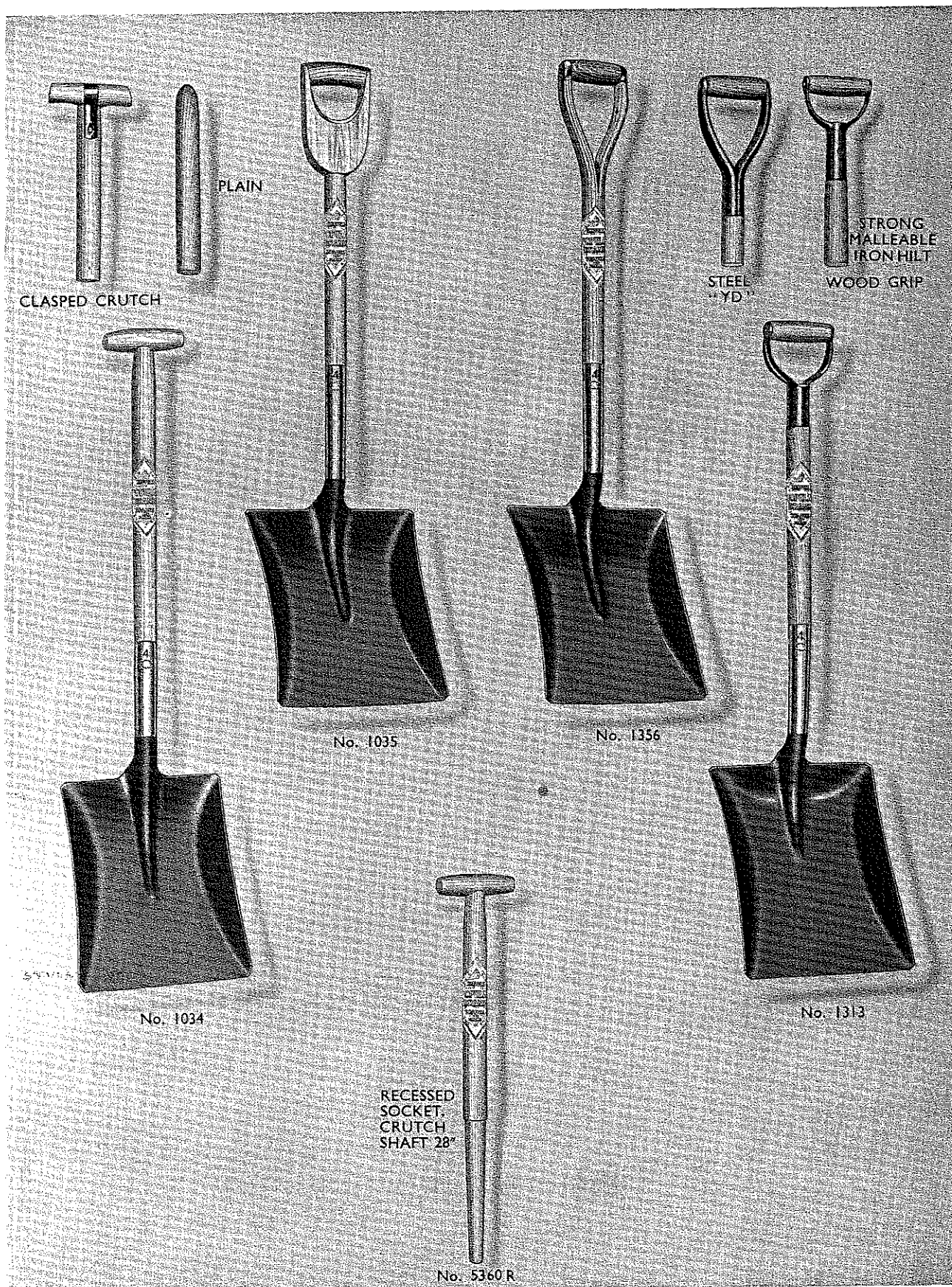
Size No.	Size No.	Size No.	Size No.	Size No.	Size No.	Size No.	Size No.	Size No.
1	2	3	4	5	6	7	8	10
$9\frac{1}{2}" \times 12"$	$10" \times 12\frac{1}{2}"$	$10\frac{1}{2}" \times 13"$	$11" \times 13\frac{1}{2}"$	$11\frac{1}{2}" \times 14"$	$12" \times 14\frac{1}{2}"$	$12\frac{1}{2}" \times 15"$	$13" \times 15\frac{1}{2}"$	$14" \times 16\frac{1}{2}"$
Blade	Blade	Blade	Blade	Blade	Blade	Blade	Blade	Blade

5360R 28" Crutch Handle showing Recessed Square Top Socket

For spare Handles please refer to Pages Nos. 69 and 71

The above shovels are scientifically hardened and tempered to give a high degree of hardness and resistance to abrasive action

"POPULAR" BRAND STAMPED STEEL, SQUARE MOUTH, OPEN SOCKET SHOVELS IN 14 and 15 GAUGE BLADES. Fitted with good Ash Handles



Hardypick Limited, Sheffield 3, England

"POPULAR" BRAND, GENERAL PURPOSE SHOVELS

Fitted with good Ash Handles

Pattern
No. Gauge

I034	15	Fitted with 'T' Handle 28" long
I231	14	" " T " " "
I035	15	" " Wood 'D' Handle 28" long
I376	14	" " " D " " "
I356	15	" " " 'YD' " " "
I233	14	" " " YD " " "
I313	15	" " Stamped Steel Hilt, Wood Grip, 28" long
I232	14	" " " " " " " " "
I372	15	" " Clasp'd 'T' Handle, 28" long
I373	14	" " " T " " "
I374	15	" " Plain Handle, 50" long
I375	14	" " " " " " "
I377	15	" " Steel 'YD' Handle 28" long
I378	14	" " " YD " " "
I379	14	" " Strong Malleable Iron Hilt, Wood Grip, 28" long

Sizes for ALL above Shovels are as listed hereunder:

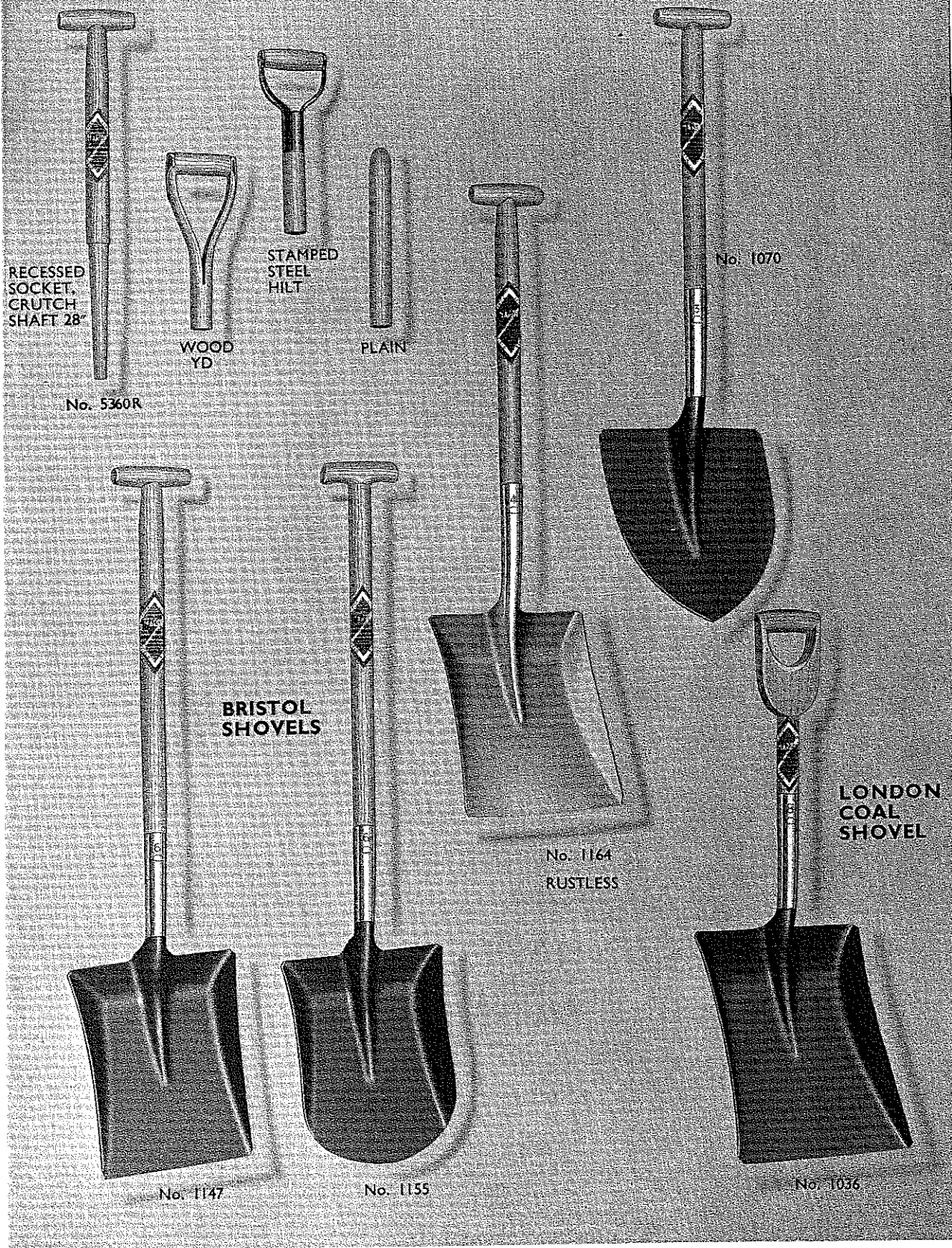
Size No.	Size No.	Size No.	Size No.	Size No.	Size No.	Size No.	Size No.	Size No.
1	2	3	4	5	6	7	8	10
9½"×12"	10"×12½"	10½"×13"	11"×13½"	11½"×14"	12"×14½"	12½"×15"	13"×15½"	14"×16½"
Blade	Blade	Blade	Blade	Blade	Blade	Blade	Blade	Blade

5360R 28" Crutch Handle showing Recessed Square Top Socket

For spare Handles please refer to Pages Nos. 69 and 71

The above Shovel Blades can also be supplied specially Heat Treated at a slightly extra cost. Longer service is obtained from Heat Treated Shovels

OPEN SOCKET, STEEL AND RUSTLESS SHOVELS Fitted with selected Ash Handles



Hardypick Limited, Sheffield 8, England

OPEN SOCKET SHOVELS

Pattern
No.

Brand

Gauge

LONDON COAL SHOVELS

I036	"Acme"	14, Heat Treated,	Wood "D" Handle 21" long	<div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 5px;">}</div> <div> <p>Size No. 8</p> <p>13"×15½" Blade</p> </div> </div>
I037	"Acme"	14, Heat Treated,	Wood "YD" Handle 21" long	
I038	"Service"	15, Heat Treated,	Wood "D" Handle 21" long	
I039	"Service"	15, Heat Treated,	Wood "YD" Handle 21" long	

ROUND MOUTH GENERAL PURPOSE SHOVELS

I070	"Service"	15, Heat Treated,	Crutch Handle 28" long	<div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 5px;">}</div> <div>Sizes below</div> </div>
I071	"Service"	15, Heat Treated,	Wood "D" Handle 28" long	
I072	"Popular"	15	Crutch Handle 28" long	
I073	"Popular"	15	Wood "D" Handle 28" long	
I235	"Popular"	15	Standard Steel Hilt 28" long	
I152	"Acme"	14, Heat Treated,	Crutch Handle 28" long	
I153	"Acme"	14, Heat Treated,	Wood "D" Handle 28" long	
I190	"Acme"	14, Heat Treated,	Plain Handle 50" long	
I151	"Acme"	15, Heat Treated,	Plain Handle 50" long	

Size No. 1	Size No. 2	Size No. 3	Size No. 4	Size No. 5	Size No. 6	Size No. 7	Size No. 8	Size No. 10
10"×12" Blade	10½"×12½" Blade	11"×13" Blade	11½"×13½" Blade	12"×14" Blade	12½"×14½" Blade	13"×15" Blade	13½"×15½" Blade	14½"×16½" Blade

BRISTOL PATTERN SHOVELS, "T" HANDLES 32"

I147	"Service"	15, Heat Treated,	Square Mouth
I155	"Service"	15, Heat Treated,	Round Mouth

	No. 4	6	8	10
Top	11"	12"	13"	14"
Bottom	9½"	10½"	11½"	12½"
Length	13"	14"	15"	16"

RUSTLESS STEEL SQUARE MOUTH OPEN SOCKET SHOVELS

(Suitable for Chemical, Food and other trades)

I164	"Rustless"	14	Crutch Handle 28" long	<div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 5px;">}</div> <div> <p>Size No. 2</p> <p>10"×12½" Blade</p> </div> </div>	<p>Size No. 4</p> <p>11"×13½" Blade</p>
I165	"Rustless"	14	Wood "D" Handle 28" long		
I220	"Rustless"	14	Wood "YD" Handle 28" long		

5360R 28" Crutch Handle showing Recessed Square Top Socket

For spare Handles please refer to Pages Nos. 69 and 71

"ACME" BRAND, SQUARE AND ROUND MOUTH CONTRACTORS' SHOVELS Fitted with selected Ash Handles



No. 1022
SOLID STRAP



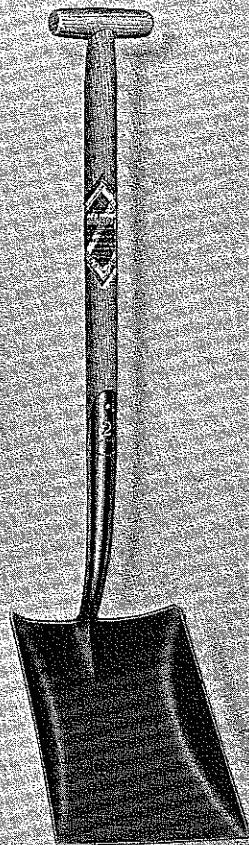
WOOD "D"



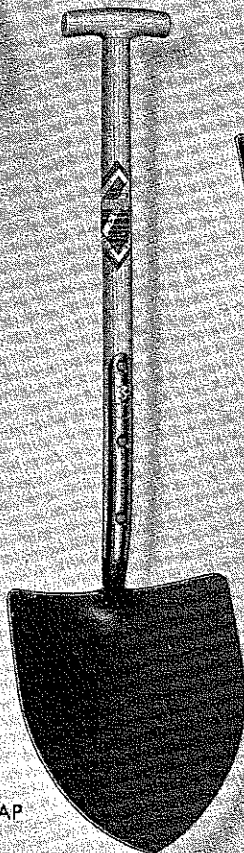
No. 1141
SOLID STRAP
TAPER BLADE



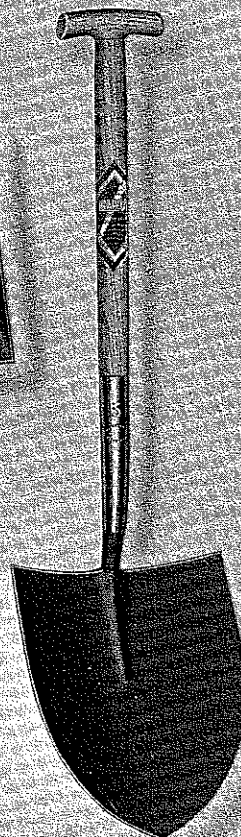
WOOD "YD"



No. 1208
SOLID SOCKET



No. 1062
SOLID STRAP



No. 1142
SOLID SOCKET

Hardypick Limited, Sheffield 8, England

"ACME" BRAND CONTRACTORS' SHOVELSPattern
No.**SQUARE MOUTH, SOLID NECK AND STRAP SHOVELS**

1022	28" "T" Handle	}	Size No. 2	Size No. 3
1023	28" Wood "D" Handle		$10" \times 12\frac{1}{2}"$	$10\frac{1}{2}" \times 13"$
1342	28" Wood "YD" Handle		Blade	Blade

SQUARE MOUTH, SOLID NECK AND STRAP, TAPER BLADE SHOVELS

1141	28" "T" Handle	}	Size No. 2	
1140	28" Wood "D" Handle		Blade	
1345	28" Wood "YD" Handle		$10" \times 8\frac{1}{2}"$	$12\frac{1}{2}"$
			Top	Bottom Length

SQUARE MOUTH, SOLID SOCKET SHOVELS

1208	28" "T" Handle	}	Size No. 2
1209	28" Wood "D" Handle		$10" \times 12\frac{1}{2}"$
1207	28" Wood "YD" Handle		Blade

ROUND MOUTH, SOLID NECK AND STRAP, NAVVY SHOVELS

1062	28" "T" Handle	}	Size No. 3
1063	28" Wood "D" Handle		$11\frac{1}{2}" \times 13"$
1359	28" Wood "YD" Handle		Blade

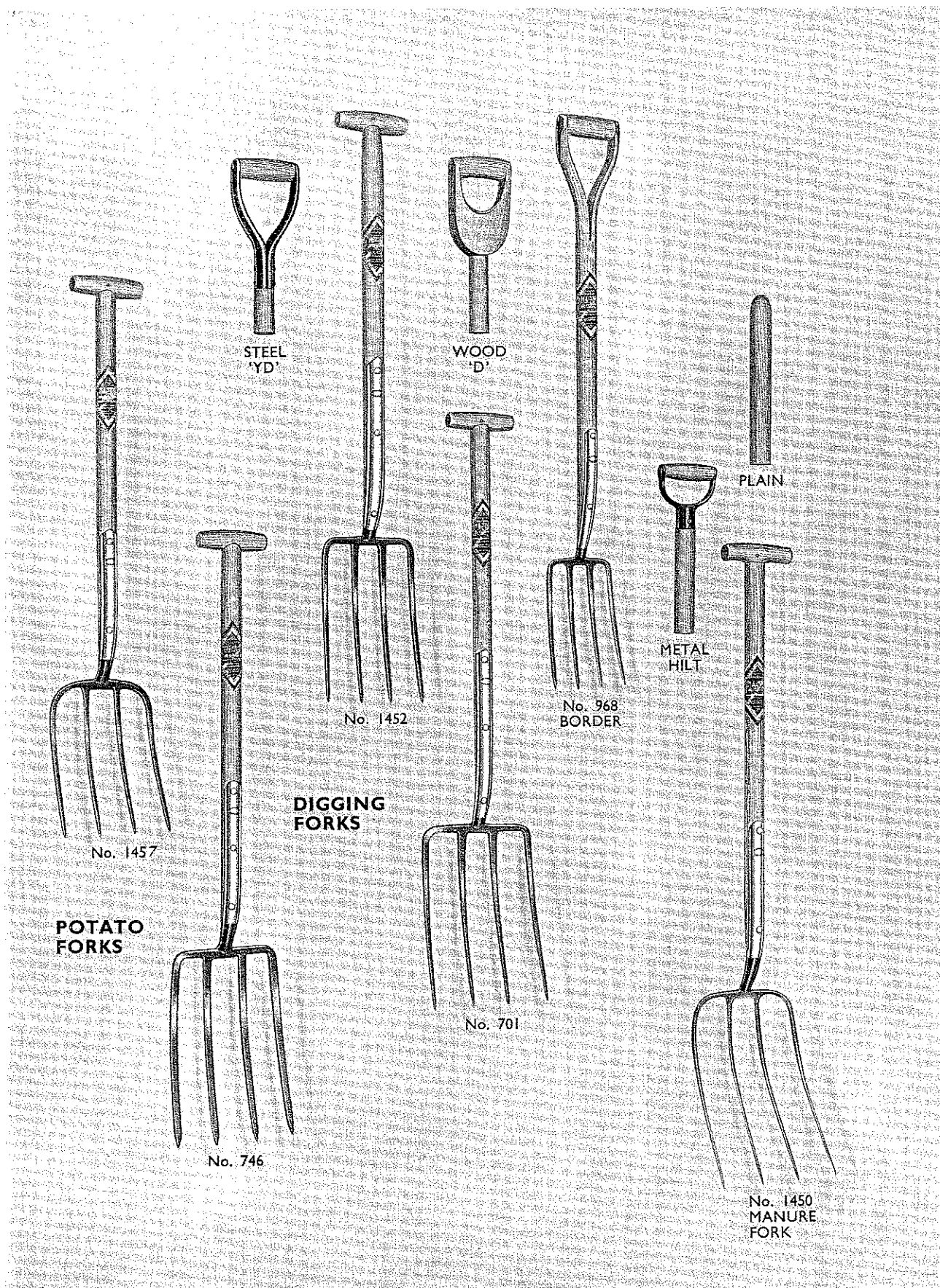
ROUND MOUTH, SOLID SOCKET, NAVVY SHOVELS

1142	28" "T" Handle	}	Size No. 3
1143	28" Wood "D" Handle		$11\frac{1}{2}" \times 13"$
			Blade

For spare Handles please refer to Pages Nos. 69 and 71

DIGGING, POTATO, BORDER AND MANURE FORKS

Fitted with selected Ash Handles



Hardypick Limited, Sheffield 8, England

"ACME" AND "POPULAR" BRAND AGRICULTURAL FORKS

Fitted with selected Ash Handles

Pattern
No. Brand**4-PRONG DIGGING FORK — SELF COLOUR — 3-RIVET STRAP**

Prongs 13" long×8" wide

701	"Acme"	With Crutch Handle 30" long
704	"Acme"	„ Wood "D" Handle 30" long
938	"Acme"	„ „ "YD" „ 27" „
985	"Popular"	„ Crutch Handle 30" long
986	"Popular"	„ Wood "D" Handle 30" long

POTATO FORK — SELF COLOUR — 3-RIVET STRAP

Flat Prongs 12½" long×8" wide

746	"Acme"	With Crutch Handle 30" long
748	"Acme"	„ Wood "D" Handle 30" long
962	"Popular"	„ Crutch Handle 30" long
963	"Popular"	„ Wood "D" Handle 30" long

**CHESHIRE PATTERN POTATO OR DIGGING FORK — SELF COLOUR
— 2-RIVET STRAP.** Square Prongs 11" long×7½" wide

1457	"Acme"	With Crutch Handle 30" long
937	"Popular"	„ „ „ 30" „
968	"Acme"	Ladies' or Border Fork with "YD" Handle 30" long

(Prongs 9" long×5½" wide)

MANURE FORK — ½ BRIGHT AND PAINTED — 2-RIVET STRAP

Oval Prongs. 4-Prong

1450	"Acme"	With Crutch Handle 30" long
808	"Acme"	„ Metal Hilt 32" long
4721	"Acme"	„ Plain Handle 48" long

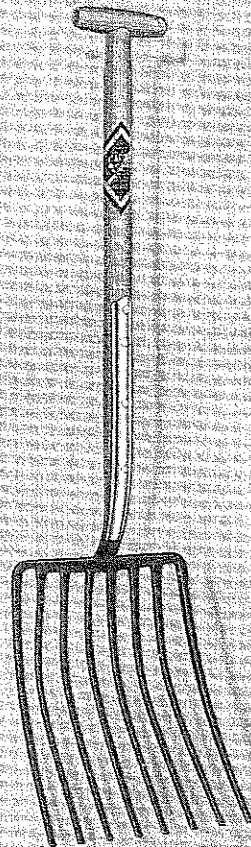
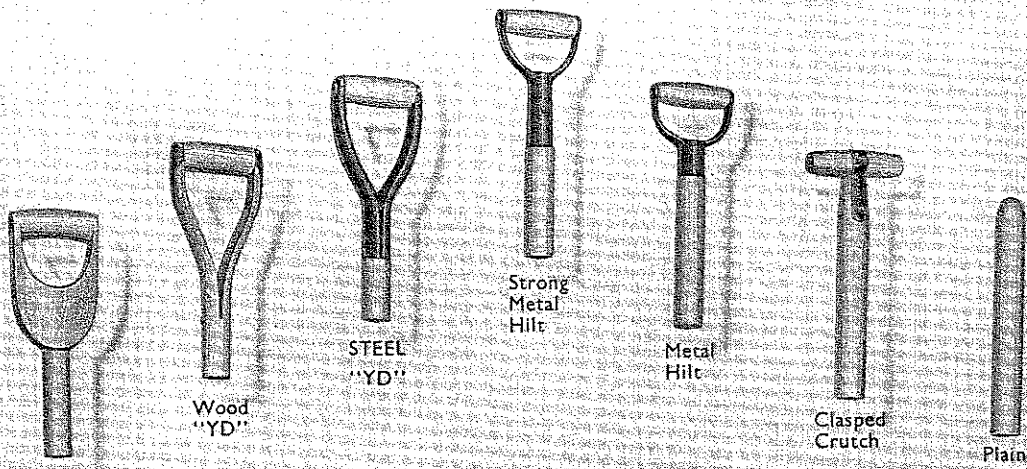
BOYS' DIGGING FORK — SELF COLOUR — 3-RIVET STRAP

Square Prong. 4-Prong. 11" long×6½" wide

1452	"Acme"	With Crutch Handle 30" long
------	--------	-----------------------------

For spare Handles please refer to Pages Nos. 69 and 71

"ACME" BRAND, STONE, BALLAST OR TARMAC FORKS WITH SQUARE-SHAPED PRONGS, fitted with selected Ash Handles



No. 919
8 Prong, Square Chisel-ended prong
Stone Fork. 1 1/4" Space
"T" HANDLE 28"

STONE, BALLAST OR TARMAC FORKS WITH SQUARE SHAPED PRONGS, CHISEL ENDED

Usual space between prongs are shown below against respective Pattern Numbers

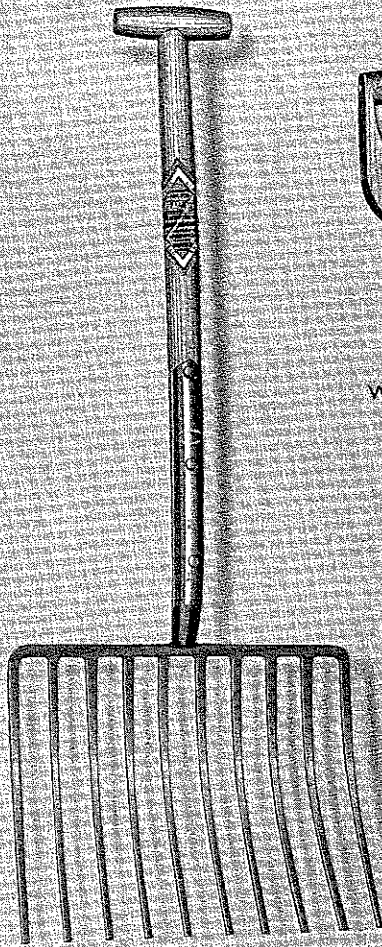
	"T" Handle 28"	Wood "D" Handle 28"	Wood "YD" Handle 28"	Steel "YD" Handle 28"	Metal Hilt 28"	Strong Metal Hilt 28"	Clasped "T" Handle 28"	Plain Handle 54"
8 prong	No.	No.	No.	No.	No.	No.	No.	No.
1 $\frac{1}{4}$ " space	919	921	1460	1461	922	1462	920	1463
1 $\frac{1}{8}$ " space	1418	1419	1423	1424	1425	1426	1427	1428
10 prong	No.	No.	No.	No.	No.	No.	No.	No.
1 $\frac{1}{4}$ " space	1464	1465	1466	1467	1468	1469	1470	1471
1 $\frac{1}{8}$ " space	1445	1446	1447	1448	1449	1453	1454	1455

IF POINTED ENDED PRONGS ARE REQUIRED, PLEASE SPECIFY WHEN ORDERING

For spare Handles please refer to Pages Nos. 69 and 71

"ACME" BRAND, COAL, COKE OR BREEZE FORKS

Fitted with selected Ash Handles



No. 1451
10 PRONG. SQUARE PRONG
COAL FORK. $1\frac{1}{4}$ " SPACE



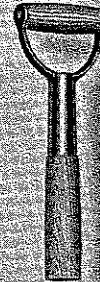
WOOD
"D"



WOOD
"YD"



STEEL
"YD"



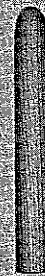
STRONG
METAL
HILT



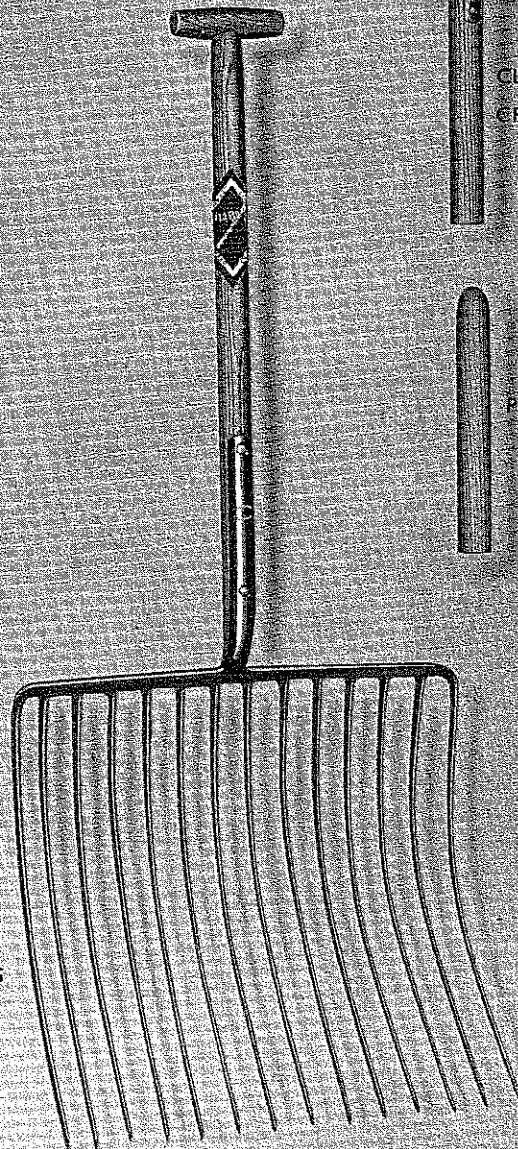
METAL HILT



CLASPED
CRUTCH



PLAIN



No. 1410
14 PRONG. DIAMOND PRONG
COKE FORK. $1\frac{1}{4}$ " SPACE

COKE OR BREEZE FORKS WITH DIAMOND-SHAPED PRONGS

Usual spaces between prongs are shown below against respective Pattern Numbers

	"T" Handle	Wood "D" Handle	Wood "YD" Handle	Steel "YD" Handle	Metal Hilt	Strong Metal Hilt	Clasped "T" Handle	Plain Handle
	30"	30"	30"	30"	30"	30"	30"	54"
10 prong	No.	No.	No.	No.	No.	No.	No.	No.
1 1/4" space	888	890	1402	1403	891	1404	889	892
1" "	1475	1476	1477	1478	1479	1480	1481	1482
3/4" "	1483	1484	1485	1486	1487	1488	1489	1490
12 prong	No.	No.	No.	No.	No.	No.	No.	No.
1 1/4" space	1472	1473	1405	1406	1407	1408	1474	1409
1" "	1491	1492	1493	1494	1495	1496	1497	1498
3/4" "	1700	1701	1702	1703	1704	1705	1706	1707
14 prong	No.	No.	No.	No.	No.	No.	No.	No.
1 1/4" space	1410	1412	1413	1414	1415	1416	1411	1417
1" "	1708	1709	1800	1801	1802	1803	1804	1805
3/4" "	1806	1807	1808	1809	1810	1811	1812	1813
16 prong	No.	No.	No.	No.	No.	No.	No.	No.
1 1/4" space	1431	1433	1434	1435	1436	1437	1432	1438
1" "	1814	1815	1816	1817	1818	1819	1820	1821
3/4" "	1822	1823	1824	1825	1826	1827	1828	1829

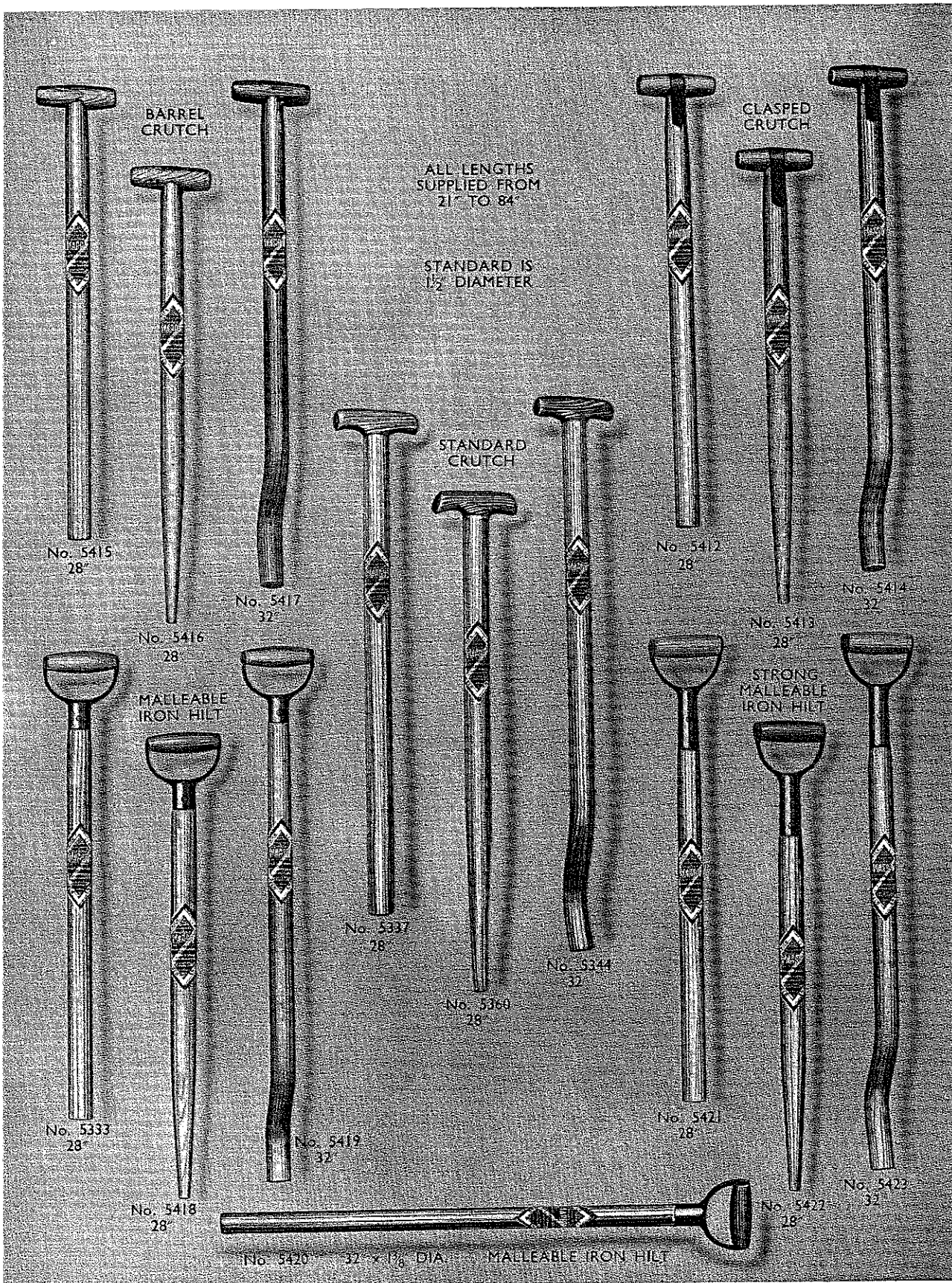
COAL FORKS WITH SQUARE-SHAPED PRONGS

Usual spaces between prongs are shown below against respective Pattern Numbers

	"T" Handle	Clasped "T" Handle	Wood "D" Handle
	24"	24"	24"
8 prong	No.	No.	No.
1 1/4" space	906	907	908
1 1/2" "	1830	1831	1832
1" "	1833	1834	1835
10 prong	No.	No.	No.
1 1/4" space	1451	1459	1458
1 1/2" "	1836	1837	1838
1" "	1839	1840	1841

For spare Handles please refer to Pages Nos. 69 and 71

SELECTED "BLUE LABEL" BRAND ASH SHOVEL, SPADE AND FORK HANDLES,
ALL $1\frac{1}{2}$ " DIAMETER EXCEPT NO. 5420. (All lengths supplied)



Hardypick Limited, Sheffield 8, England

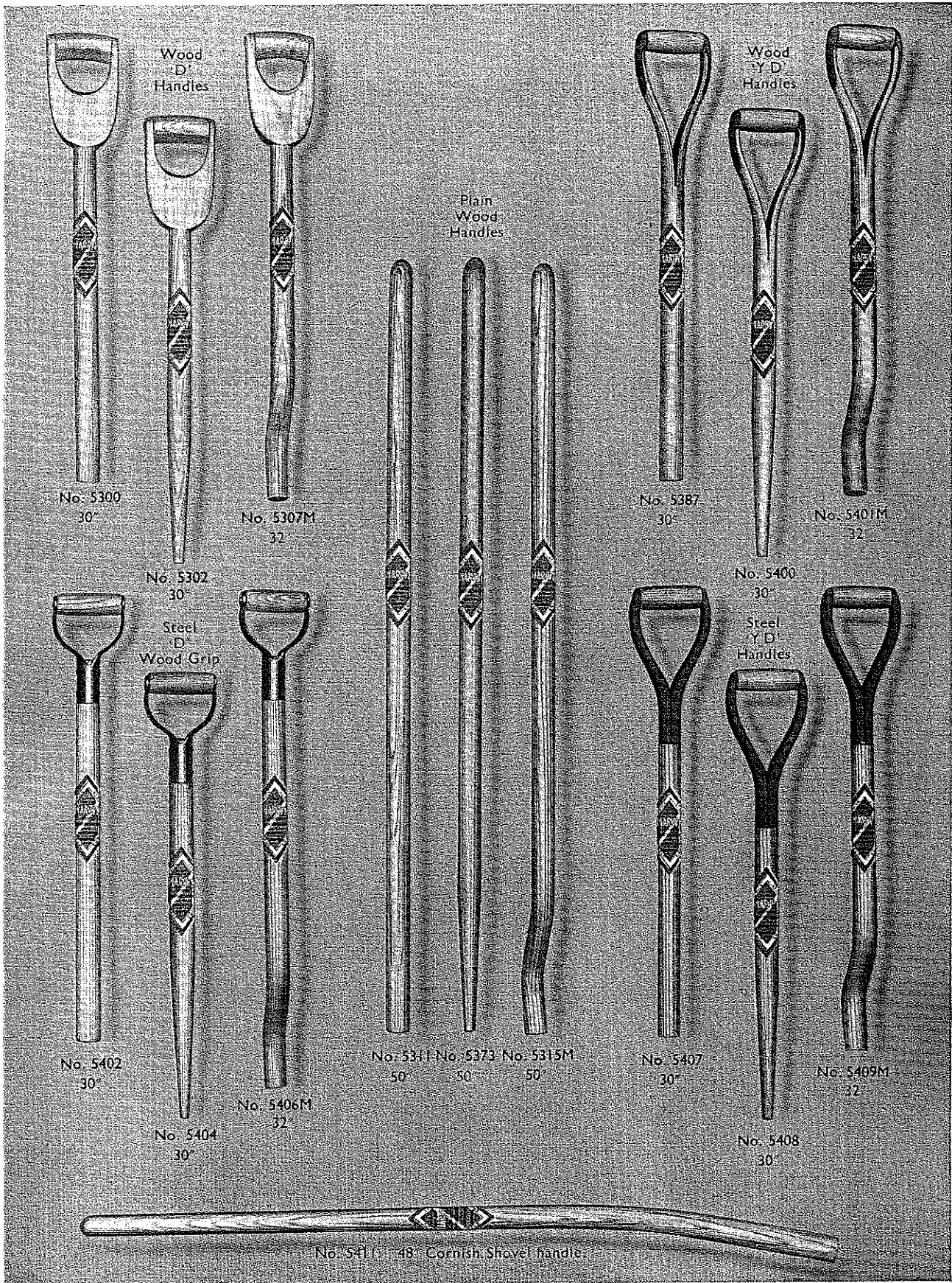
SELECTED ASH, SPADE, SHOVEL AND FORK HANDLES

All 1½" Diameter except No. 5420

Pattern No.			Packing per Sack
5333	28" Straight Blunt	Malleable Iron "D" Hilt with Wood Grip Handles	48
5418	28" Straight Taper		
5419	32" Medium Double Bend		
5337	28" Straight Blunt	Standard Crutch "T" Shape Handle	72
5338	30" " "		
5341	36" " "		
5358	24" Straight Taper		
5359	26" " "		
5360	28" " "		
5361	30" " "		
5363	36" " "		
5364	24" Taper Single Bend		
5365	26" " " "		
5366	28" " " "		
5367	30" " " "		
5370	36" " " "		
5344	32" Medium Double Bend		
5342	28" " " "		
5343	30" " " "		
5412	28" Straight Blunt	Clasped Crutch or "T" Handle	72
5413	28" Straight Taper		
5414	32" Medium Double Bend		
5415	28" Straight Blunt	Barrel Shaped Crutch or "T" Shaped Handle	72
5416	28" Straight Taper		
5417	32" Medium Double Bend		
5420	32" × 1½" Dia. Light Fork or Spade Handle. With Malleable Iron Hilt.		48
5421	28" Straight Blunt	Strong Malleable Iron "D" Hilt with Wood Grip Handles	48
5422	28" Straight Taper		
5423	32" Medium Double Bend		

If handles are required for Open Socket Shovels with Square Top Sockets as shown on Pages Nos. 35, 37, 39 and 41, please show Letter "R" after Pattern Number.

SELECTED "BLUE LABEL" BRAND ASH SHOVEL, SPADE AND FORK HANDLES,
1½" DIAMETER. (All lengths supplied)



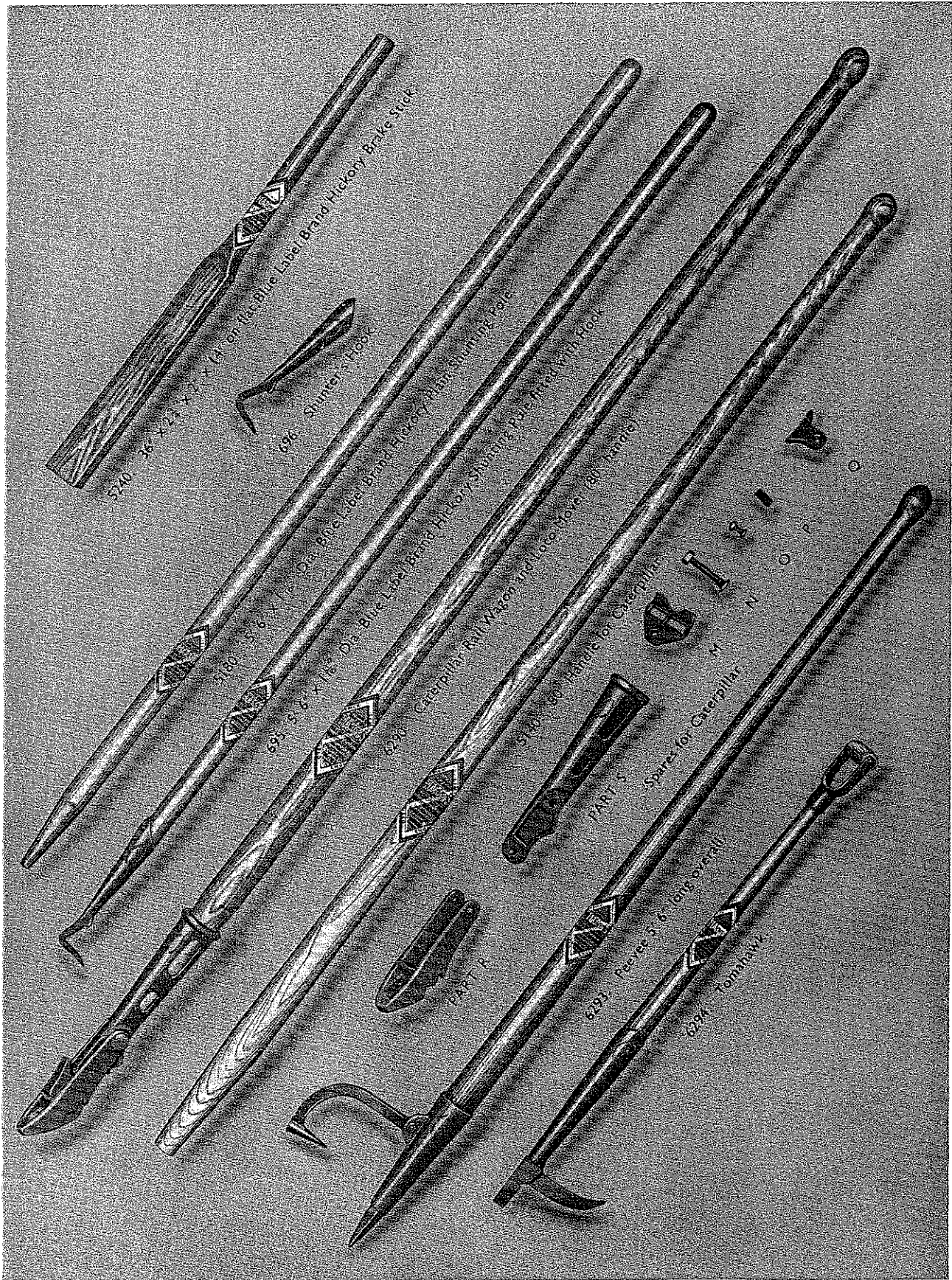
Hardypick Limited, Sheffield 8, England

SELECTED ASH, SPADE, SHOVEL AND FORK HANDLES, 1½" DIA.

Pattern No.			Packing per Sack
5300	30" Straight Blunt	All Wood "D" or Box Handles	48
5323	28" " "		
5302	30" Straight Taper		
5325	28" " "		
5327	28" Taper Single Bend		
5304	30" " " "		
5307M	32" Medium Double Bend	Plain Long Wood Handles	12 per Bundle
5306M	30" " " "		
5311	50" Straight Blunt		
5312	54" " "		
5373	50" Straight Taper		
5374	54" " "		
5313	50" Taper Single Bend		
5314	54" " " "		
5315M	50" Medium Double Bend	Wood "YD" Handles	48
5316M	54" " " "		
5387	30" Straight Blunt		
5375	27" Taper Single Bend		
5388	30" " " "		
5400	30" Straight Taper		
5336	27" " "	Stamped "D" Steel Hilt, with Wood Grip Handles	48
5401M	32" Medium Double Bend		
5402	30" Straight Blunt		
5403	28" " "		
5404	30" Straight Taper	Steel "YD" Hilt with Wood Grip Handles	48
5405	28" " "		
5406M	32" Medium Double Bend		
5407	30" Straight Blunt		
5408	30" Straight Taper	Steel "YD" Hilt with Wood Grip Handles	48
5409M	32" Medium Double Bend		
5411	48" Special Cornish Plain Shovel Handle		

If handles are required for Open Socket Shovels with Square Top Sockets as shown on Pages Nos. 35, 37, 39 and 41, please show letter "R" after Pattern Number.

BRAKE STICKS, SHUNTING POLES AND HOOKS, WAGON MOVERS AND SPARES,
PEEVEE AND TIMBER TOMAHAWK



Hardypick Limited, Sheffield 3, England

SHUNTERS' AND TREE FELLERS' EQUIPMENT

Pattern
No.

- | | | | |
|------|--|---|---|
| 695 | Shunting Pole complete with Hook | } | For more details please ask for List No. 5180 |
| 5180 | Shunting Pole without Hook | | |
| 696 | Shunting Pole Hook only, for Patt. No. 5180 | | |
| 6290 | Wagon or Loco. Mover, complete | } | For more details please ask for List No. 483 |
| 5140 | Spare Handle for No. 6290 | | |
| M | Spares for
Wagon Mover,
No. 6290 | | |
| N | | | |
| O | | | |
| P | | | |
| Q | | | |
| R | | | |
| S | | | |
| 5240 | Hickory Brake Stick. $36" \times 2\frac{1}{4}" \times 2" \times 14"$ | | |
| 5252 | Hickory Brake Stick. $36" \times 2\frac{1}{2}" \times 1\frac{3}{4}"$ | | |
| 5253 | Ash Brake Stick. $36" \times 2\frac{1}{2}" \times 1\frac{3}{4}"$ | | |
| 5254 | Hickory Brake Stick. $39" \times 2\frac{1}{2}" \times 1\frac{3}{4}"$ | | |
| 5255 | Ash Brake Stick. $39" \times 2\frac{1}{2}" \times 1\frac{3}{4}"$ | | |
| 6293 | Peevee, 5' 6" Overall | | |
| 6294 | Tomahawk | | |
| 6282 | Foot only for 6294 | | |
| 6283 | Handle with Hilt only for No. 6294 | | |

TIMBERS USED IN THE ABOVE TOOLS

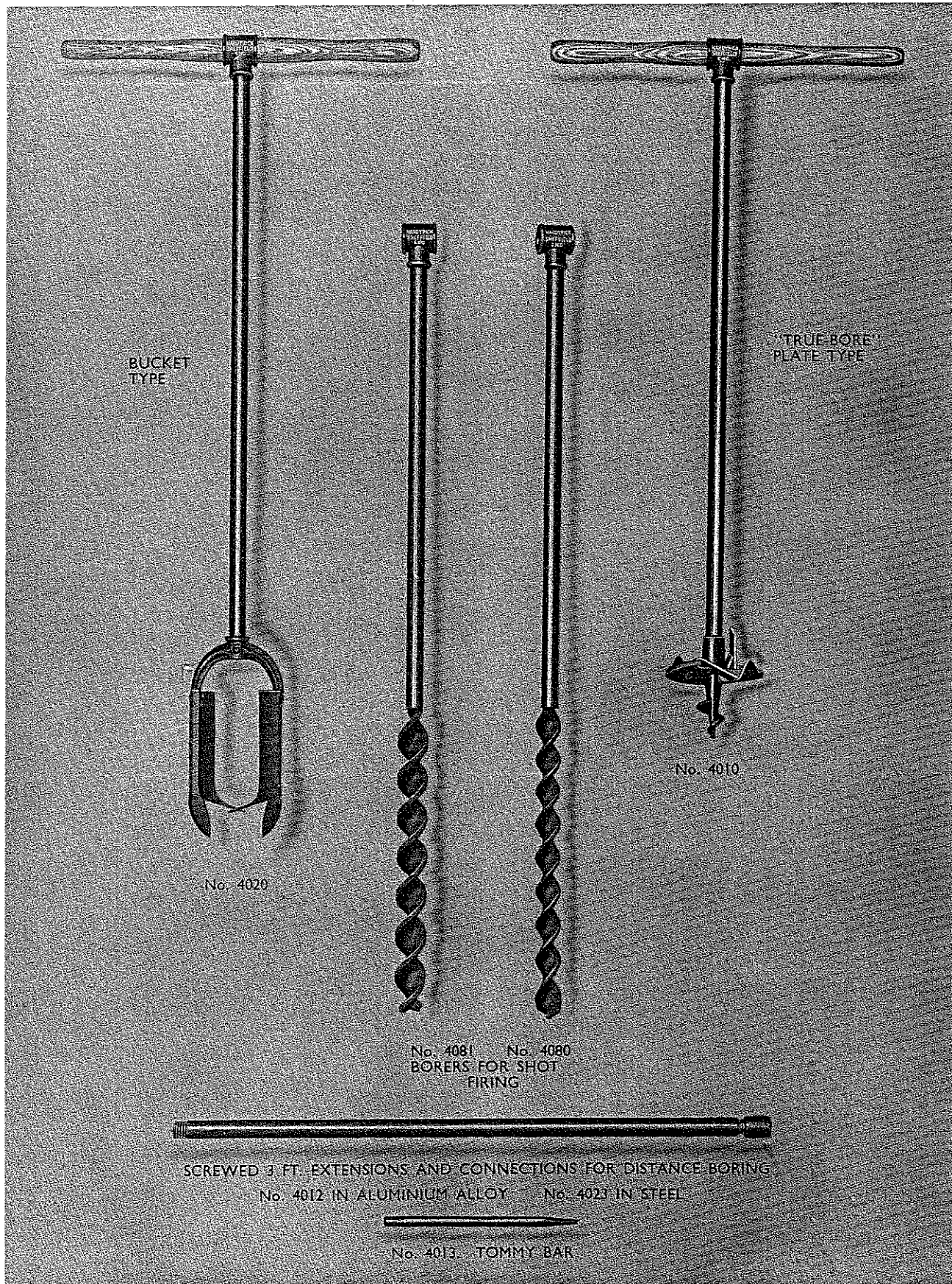
- | | | | | | |
|------|---|--|------|---|--|
| 695 | } | Specially Selected HARDY'S "Blue Label"
Brand Hickory | 6290 | } | Specially Selected HARDY'S "Blue Label"
Brand English Ash |
| 5180 | | | | | |
| 5240 | | | | | |
| 6294 | | | | | |
| 5252 | | | | | |
| 5254 | | | 5293 | | |
| | | | 5253 | | |
| | | | 5255 | | |

TEST

Before leaving our Works, EVERY "HARDY'S" Shunting Pole is tested for:

- | | |
|-------|--|
| 1st | Weight. (Not less than 60 ozs.) |
| 2nd | Appearance |
| Final | Deflection, must not exceed 12" when supporting a weight of 196 lbs. |

AUGERS FOR POST HOLE, TREE PLANTING, SUBSOIL INVESTIGATIONS IN AGRICULTURAL, MINING AND FOREST AREAS, QUICK PROSPECTING FOR CLAY, ETC., HAND DRILLS OR BORERS FOR SHOT FIRERS



Hardypick Limited, Sheffield 8, England

EARTH AND CLAY AUGERS, HAND DRILLS FOR SUB-SOIL INVESTIGATION, POST HOLES, ETC.

Pattern
No.

- 4010** Auger, "True-Bore" Plate Type, 6" and 9" Diameter only, complete with 3 ft. Aluminium Tube and Wood Handle
- 4011** Ditto. If supplied with a Steel Tube
- 4020** Auger, Bucket Type, 3", 4", 5", 6", 7", 8", 9" and 10" Diameter, complete with 3 ft. Steel Tube and Wood Handle
- 4027** Ditto. If supplied with an Aluminium Tube

For Distance Boring, Tubes bored for Tommy Bars are available if desired.

SPARES FOR ABOVE (All interchangeable)

- 4012** Extra Aluminium Tubes (3 feet) and Connections. (2 lbs.)
- 4023** „ Steel „ „ „ „ (3 lbs.)
- 4013** Tommy Bars, 12" \times $\frac{5}{16}$ " Diameter
- 4024** Spare Wooden Handles

We can also supply specially constructed Bucket Type Augers, Pattern No. 4020 in 12", 14" and 16" Diameter, more details on request.

- 4080** Drill, Hand, 18" on the twisted portion, with a 3 ft. Steel Tube and Wooden Handle, Oval Section Steel. Size of Bit: $1\frac{3}{4}$ " Diameter
- 4081** Drill, Hand, 18". Flat Section Steel. Size of Bit: $1\frac{3}{4}$ " Diameter
Extension Pieces also supplied similar to those described above. (No. 4012 and 4023).

APPROXIMATE WEIGHTS, each. AUGERS

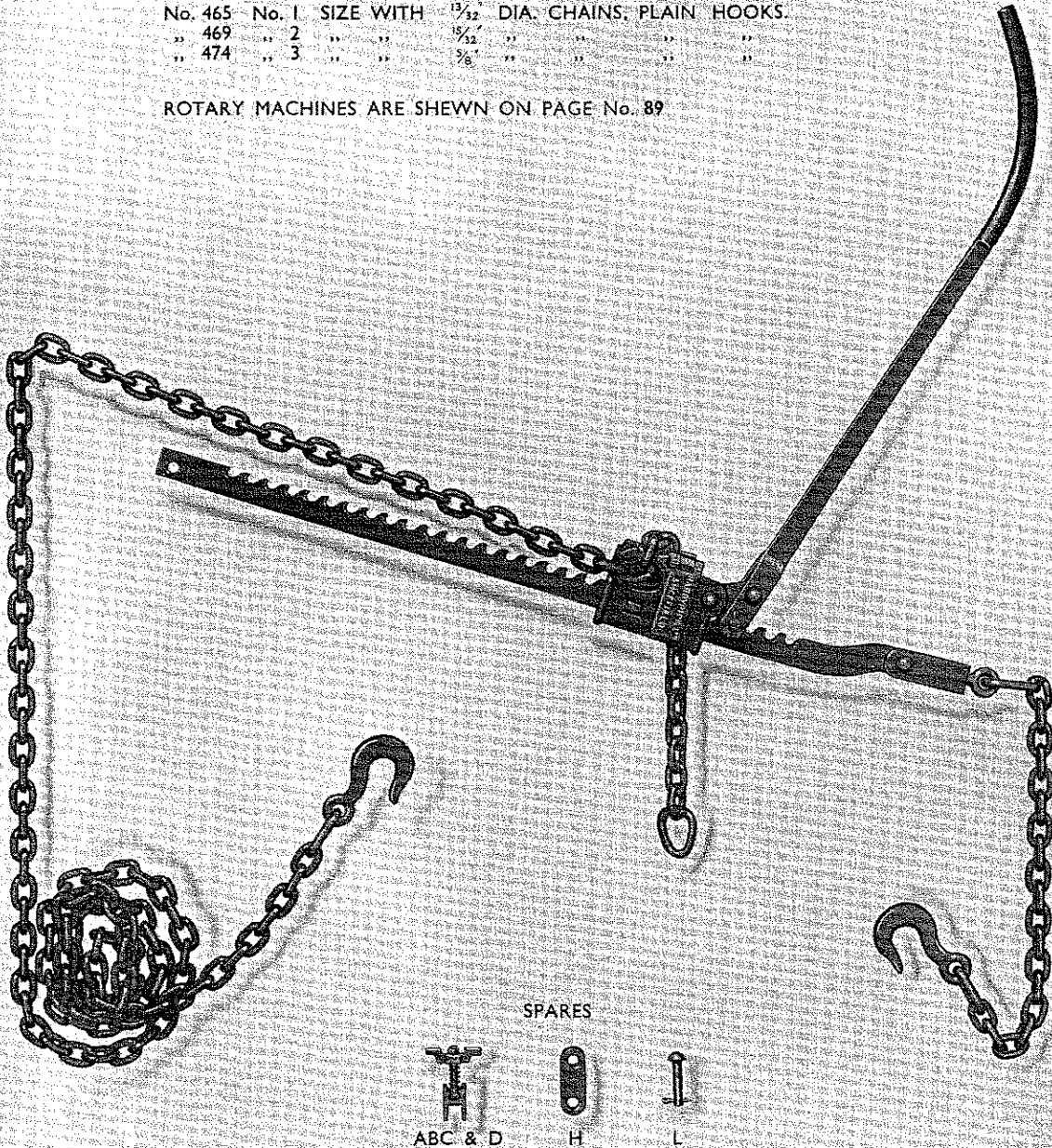
	3"	4"	5"	6"	7"	8"	9"	10"	
4010				$6\frac{1}{2}$			$9\frac{3}{4}$		lbs.
4011				$7\frac{1}{2}$			$10\frac{3}{4}$		„
4020	$6\frac{3}{4}$	$7\frac{1}{4}$	$7\frac{1}{2}$	9	$9\frac{1}{2}$	10	$10\frac{1}{2}$	$11\frac{1}{2}$	„
4027	$5\frac{3}{4}$	$6\frac{1}{4}$	$6\frac{1}{2}$	8	$8\frac{1}{2}$	9	$9\frac{1}{2}$	$10\frac{1}{2}$	„

RACK BAR TYPE PULLERS OR HAULERS

Each complete with a 3 ft. Anchor Chain and a 15 ft. Pulling Chain

No.	SIZE WITH	1 1/2" DIA. CHAINS, PLAIN HOOKS.
No. 465	No. 1	
" 469	" 2	
" 474	" 3	

ROTARY MACHINES ARE SHEWN ON PAGE No. 89



FOR SPECIAL ATTACHMENTS OCCASIONALLY SUPPLIED WITH THE ABOVE MACHINES, WILL YOU PLEASE REFER TO PAGE No. 87

PULLERS OR HAULERS

Pattern No.		Weight
465	No. 1 Size with Plain Hooks	60 lbs.
456	No. 1 „ but long chain fitted with H.M.I. Hook. (Fig. No. 3 on Page 87)	64 lbs.
469	No. 2 „ with Plain Hooks	70 lbs.
	Special "H" Section Steel Prop Twisters for use with above are shown on Page 87. Pattern Nos. 4395 and 4396	
474	No. 3 Size with Plain Hooks: this machine is supplied complete with Safety First Foot-operated Catch Trip and Holdfast Attachment (Fig. Nos. 1 and 2 shown on Page No. 87) The handle in this machine is straight and is 4' 6" long	132 lbs.

SPARES FOR PULLERS

Parts	for	465	469	474
Catch - - - - -		A/465	A/469	A/474
Spring - - - - -		B/465	B/469	B/474
Crossbar - - - - -		C/465	C/469	C/474
Catch Bolt - - - - -		D/465	D/469	D/474
Box (Bare) - - - - -		E/465	E/469	E/474
Rack Bar (Bare) - - - - -		F/465	F/469	F/474
Handle - - - - -		G/465	G/469	G/474
Link for Handle - - - - -		H/465	H/469	H/474
15 ft. Pulling Chain - - - - -		J/465	J/469	J/474
3 ft. Anchor Chain complete with Shackle - - - - -		K/465	K/469	K/474
Handle Pins (3 in a Set) - - - - -		L/465	L/469	L/474

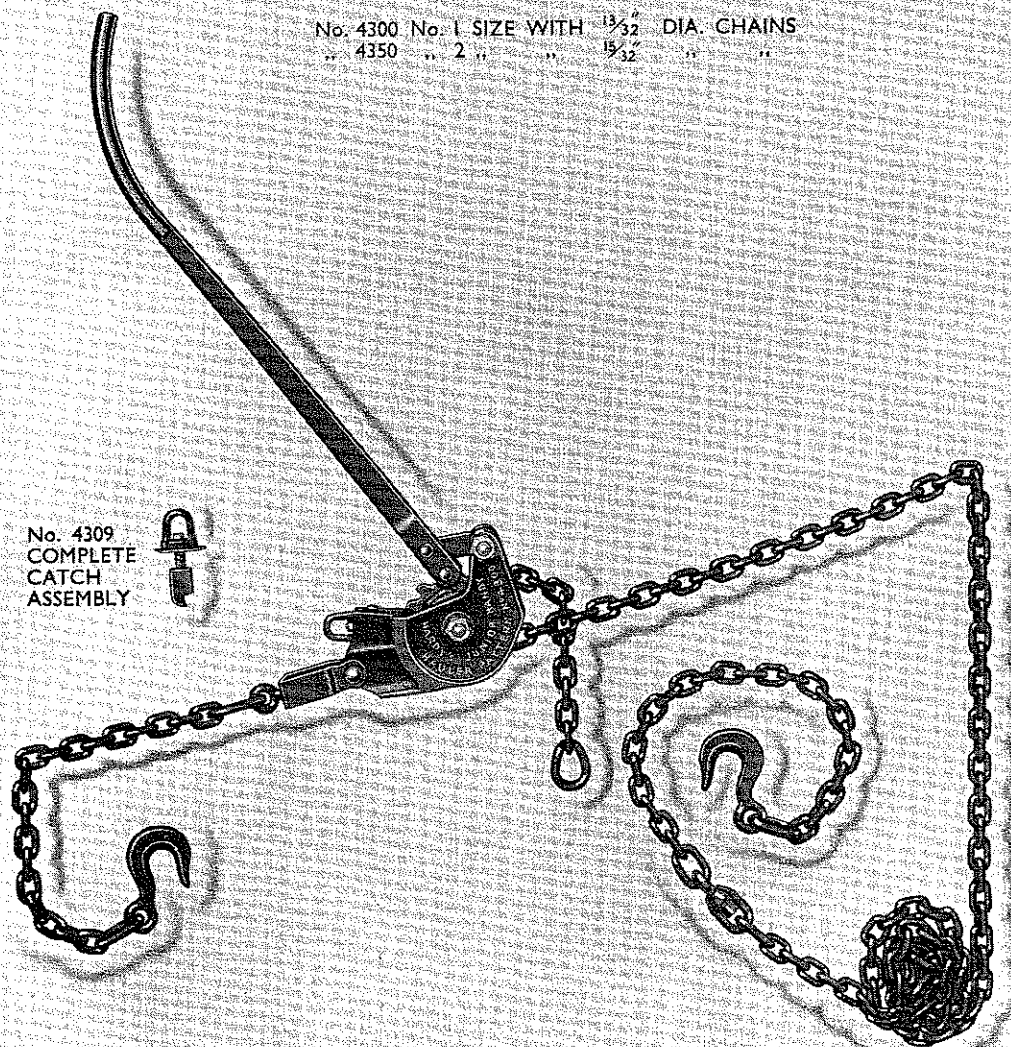
When the Haulers are to be used on the surface for General Purposes:

- 465 No. 1 is also fitted with the Safety First Foot-operated Catch Trip and Tension Holder (Fig. Nos. 1 and 2 (or Pattern 6330) shown on Page No. 87)
- 469 No. 2 is also fitted with the Safety First Foot-operated Catch Trip and Tension Holder (Fig. Nos. 1 and 2 (or Pattern 6330) shown on Page No. 87)

For Portable Ground Anchors and Spikes, Wire Rope etc., please refer to Page No. 87

If more details of extras for our Pullers or Haulers and Attachments are required, please ask for List Nos. 446 and 467

ROTARY TYPE PULLERS OR HAULERS, EACH COMPLETE WITH A 3 FOOT ANCHOR CHAIN AND A 15 FOOT PULLING CHAIN



Hardypick Limited, Sheffield 8, England

ROTARY TYPE PULLERS OR HAULERS

Pattern
No.

- 4300** No. 1 ALL STEEL Light type Puller with two chains $\frac{1\frac{3}{32}}{32}$ " diameter, 3 feet and 15 feet. (64 lbs.)
4350 No. 2 ALL STEEL Heavy type Puller with two chains $\frac{1\frac{5}{32}}{32}$ " diameter, 3 feet and 15 feet. (84 lbs.)

Parts for Patt. No. 4300 Puller

- 4301** Wheel Bolt
4302 Handle Pins. (3 in a set)
4303 Handle Link
4304 15 feet Pulling Chain
4305 Handle or Lever
4306 Body Wheel
4307 3 feet Anchor Chain and Shackle
4308 Chassis. (Bare)
4309 Complete Catch Assembly
4362 Spring
4366 Catch Lifter
4367 Catch Washer

Parts for Patt. No. 4350 Puller

- 4359** Wheel Bolt
4355 Handle Pins. (3 in a set)
4354 Handle Link
4351 15 feet Pulling Chain
4353 Handle or Lever
4358 Body Wheel
4352 3 feet Anchor Chain and Shackle
4368 Chassis. (Bare)
4309 Complete Catch Assembly
4362 Spring
4366 Catch Lifter
4367 Catch Washer

LONGER CHAINS SUPPLIED IF NECESSARY

For attachments for use with above, please refer to Page No. 87

For further details, please ask for Special Lists Nos. 446 and 467

PORTABLE WIRE ROPE, CABLE AND CHAIN CUTTING MACHINES

Patt. 626 Type No. 1.
for Wire Ropes,
Cables, all sizes up
to 1½" dia.

Patt. 690 Type No. 2.
for Chains, all sizes
up to 1" dia.



Hardypick Limited, Sheffield 3, England

WIRE ROPE AND CHAIN CUTTERS, PATTERNS 626 and 690Pattern
No.**626** Type No. 1 Cutting Machine, complete, as illustrated

THERE ARE THOUSANDS OF THESE MACHINES IN USE ALL OVER THE WORLD, THE CLASS OF USERS BEING TOO NUMEROUS TO MENTION.

The machine can be adapted for many purposes and is constructed in such a way that it can be fitted to a wagon or tub chassis or bench in a few minutes.

Maximum Cutting Capacity : $1\frac{1}{2}$ " Diameter, taking less than one minute : will easily shear small link chain, but for long heavy links we recommend :

690 Type No. 2 Cutting Machine, complete, as illustrated, but fitted with special shaped cutting blades, and upright for chains up to 1" Diameter.

SPARES**627** Handle or Lever**628** Fulcrum or Bolt**629** Front Dog Pin**630** Ratchet Dog**631** Holding Dog**632** Quadrant**633** Frame or Upright, for Patt. 626 Machine**6442** " " " " " 690 "**634** Top Knife or Moving Cutter for Patt. 626 Machine**6440** " " " " " " " 690 " (Chain)**635** Bottom Knife or Stationary Cutter for Patt. 626 Machine**6441** " " " " " " " 690 " (Chain)**636** Quadrant Bolt or Nut**637** Base Frame**638** Three Wheels**639** Swivel Castor

Pins for front wheel

Sundry Small Nuts and Bolts

} 4 Special Studs
sent with each
Pair of Blades

PACKING: ONE MACHINE

Home

Nett Weight: Bare 115 lbs.

Gross Weight: 147 lbs.

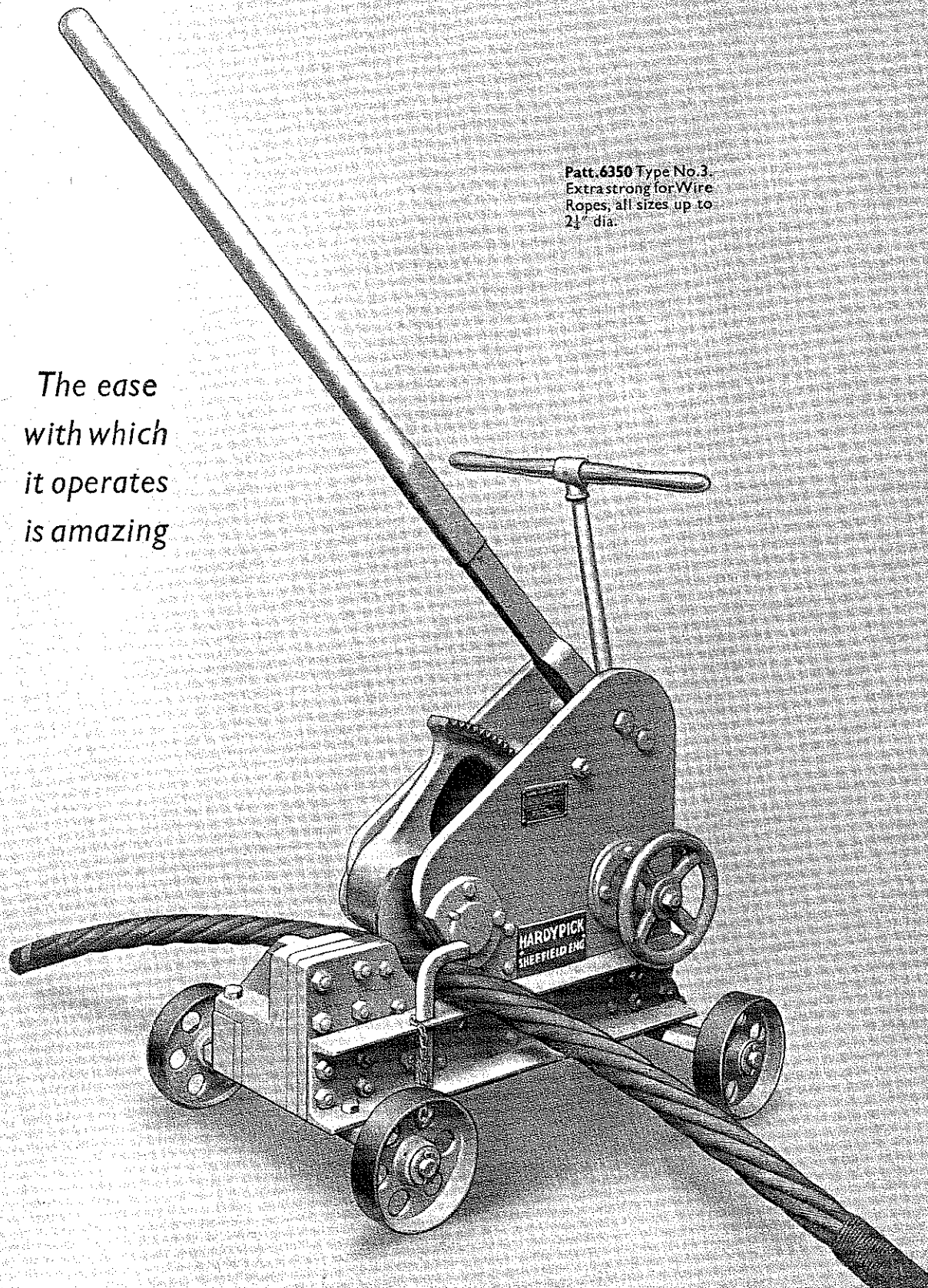
ExportCase $29" \times 13\frac{1}{2}" \times 9\frac{1}{2}"$

Hurdypick Limited, Sheffield 8, England

PORTABLE WIRE ROPE AND CABLE CUTTING MACHINE. $2\frac{1}{4}$ " CAPACITY

Patt. 6350 Type No. 3.
Extra strong for Wire
Ropes, all sizes up to
 $2\frac{1}{4}$ " dia.

*The ease
with which
it operates
is amazing*



Hardypick Limited, Sheffield 8, England

HEAVY DUTY WIRE ROPE CUTTING MACHINE

Pattern
No.

6350 Type No. 3 Cutting Machine, complete, as illustrated.

OWING TO THE STURDY CONSTRUCTION OF THIS MACHINE, EXPERIENCE OVER 20 YEARS HAS PROVED THAT RENEWALS ARE FOR CUTTING BLADES ONLY

Maximum Capacity: $2\frac{1}{4}$ " Diameter

6351 Top or Moving Cutter complete with 2 Studs

6352 Bottom or Fixed Cutter complete with 2 Studs
Cutting Speeds:

ONE	man	cut	$\frac{1}{8}$ "	diam.	Coiled	Rope	in	45	Seconds
"	"	"	$1\frac{3}{4}$ "	"	"	"	"	60	"
"	"	"	$2\frac{1}{4}$ "	"	"	"	"	130	"

THESE MACHINES ARE IN USE AT THE LEADING WIRE ROPE MAKERS AT HOME AND IN MANY COAL MINES AT HOME AND ABROAD. THE ADMIRALTY ARE USING THEM AT HOME AND OVERSEAS STATIONS

Testimonial:

"We are agreeably surprised at the little effort needed to cut $2\frac{1}{4}$ " diameter rope: it is no more than if a HYDRAULIC machine was used."

PACKING. ONE MACHINE

Home

Nett Weight: Bare 6 cwt. 2 qrs. 18 lbs.

Gross Weight: 8 cwt. 0 qrs. 12 lbs.

Export

Case: $42" \times 33" \times 30\frac{1}{2}"$